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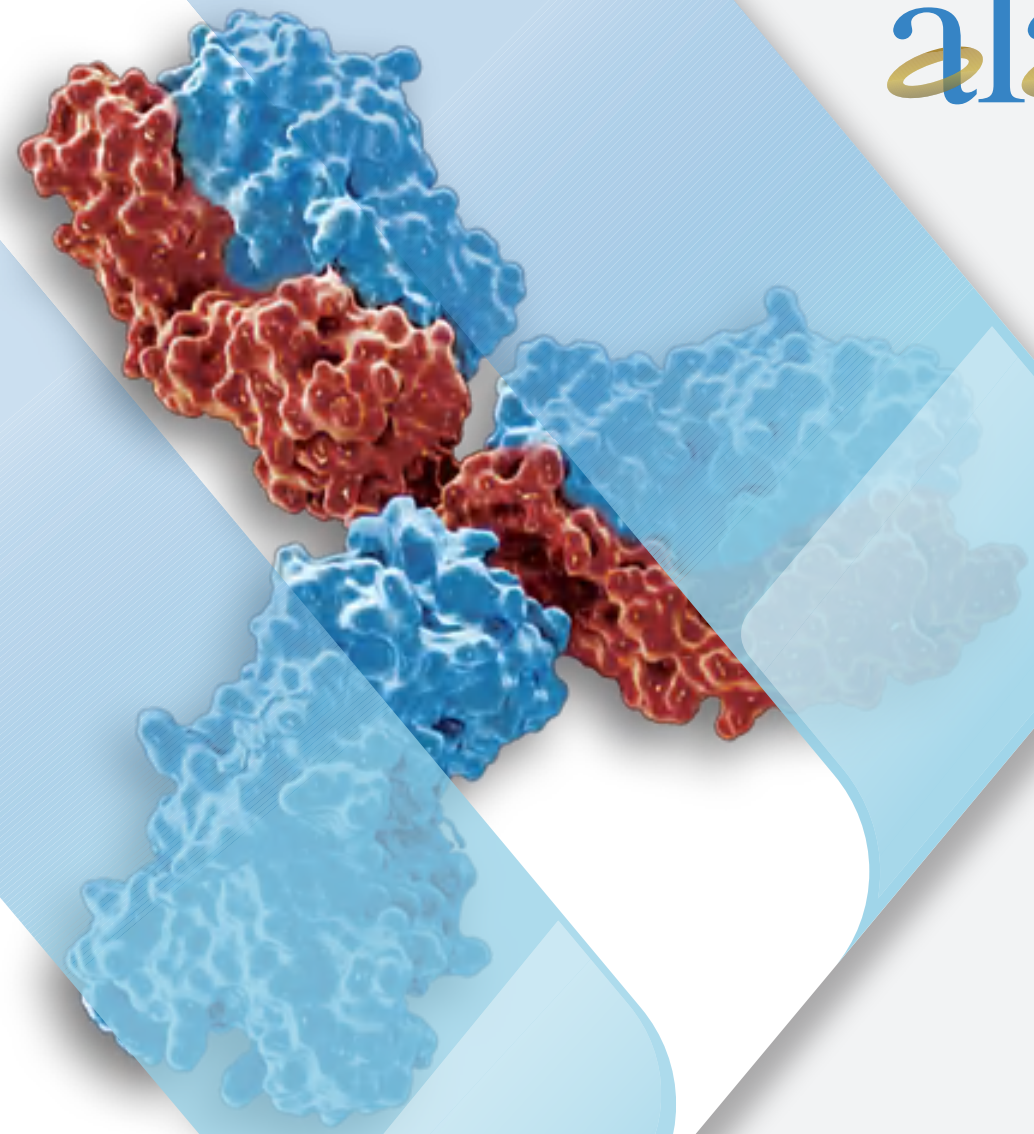

WB Antibodies

Empowering Protein Research with High-Quality Antibodies

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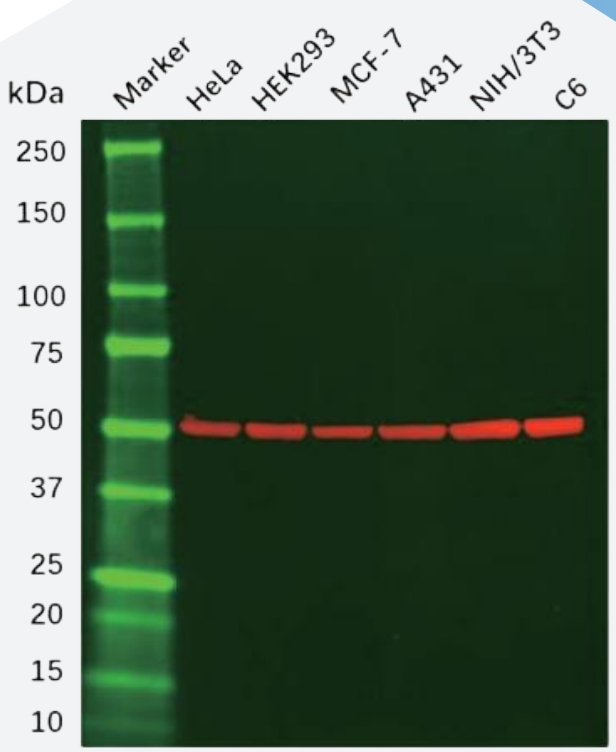
Introduction

Western Blot (WB) is an important molecular biology technology, which can accurately detect and quantify the expression of specific proteins by transferring proteins from the gel to the membrane and using specific antibodies for detection, thus playing a key role in basic scientific research, disease diagnosis, drug development and other fields. It provides a powerful tool for the study of protein function, regulation mechanism and protein changes in disease states.

In WB experiments, the selection of antibodies is crucial. The primary antibody (the first antibody) is used to specifically bind the target protein, while the labeled secondary antibody (the second antibody) is used to amplify the signal and ultimately detect the signal. Aladdin has a wide range of high quality antibody products. According to the correlation and combining with the popular targets in WB experiment, this product brochure has sorted out the antibody products that can be applied to WB experiment, including antibodies developed by various production processes such as recombinant, polyclonal and monoclonal. At the same time, the commonly used Tag Antibodies and Loading Control antibodies in WB experiment are attached to help your scientific research!



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WB Antibodies

Specificity	Cat.No.	Product Name	Type	Species reactivity	Application
ADAR	Ab087460	Recombinant ADAR1 Antibody	Recombinant	Human	WB
ALDH1A2	Ab088052	Recombinant ALDH1A2 Antibody	Recombinant	Human;Mouse;Rat	WB
ALDH1L1	Ab088068	Recombinant ALDH1L1 Antibody	Recombinant	Human;Mouse;Rat	WB
ALDH2	Ab088072	Recombinant ALDH2 Antibody	Recombinant	Human;Mouse	WB;IHC
ALKBH1	Ab088197	Recombinant ALKBH1 Antibody	Recombinant	Human;Mouse;Rat	WB
ALKBH4	Ab088208	Recombinant ALKBH4 Antibody	Recombinant	Human	WB
ANXA6	Ab089000	Recombinant Annexin-6/ ANXA6 Antibody	Recombinant	Human;Mouse;Rat	WB; IF/ICC;IHC
ANXA4	Ab088991	Annexin-4/ANXA4 Mouse mAb	mAb (C2)	Human;Pig	WB
ANXA5	Ab088956	Annexin V/ANXA5 Mouse mAb	mAb (C13)	Human	WB;IHC
ANXA7	Ab089008	Recombinant Annexin-7/ ANXA7 Antibody	Recombinant	Human;Rat	WB;IHC
BAD	Ab090488	Recombinant Bad Antibody	Recombinant	Human;Mouse;Rat	WB; IF/ICC;IHC
Bak	Ab090567	Recombinant Bak Antibody	Recombinant	Human	WB;IHC
Bcl-2	Ab156189	Bcl-2 Mouse mAb	mAb (G01/4E4)	Human;Mouse;Rat	WB
BCL2L1	Ab090843	Recombinant Bcl-XL Antibody	Recombinant	Human;Mouse;Rat	WB; IF/ICC;IHC
BMP4	Ab091424	Recombinant BMP4 Antibody	Recombinant	Human	WB;IF/ICC
BNIP3	Ab091471	Recombinant BNIP3 Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC
CAMK2A	Ab092646	Recombinant CaMKII alpha Antibody	Recombinant	Human;Mouse;Rat	WB
CAMK2D	Ab092661	Recombinant CaMKII delta Antibody	Recombinant	Human;Rat	WB
CASP5	Ab093030	Recombinant Caspase-5 Antibody	Recombinant	Human	WB;IHC
CASP6	Ab093035	Recombinant Caspase-6/CASP-6 Antibody	Recombinant	Human;Mouse;Rat	WB; IF/ICC;IHC
CASP8	Ab093061	Recombinant Caspase-8 Antibody	Recombinant	Human	WB; IF/ICC;IHC
CDKN1A	Ab119615	Recombinant p21 Antibody	Recombinant	Human;Mouse	WB
c-Fos	Ab096159	c-Fos Mouse mAb	mAb (7D6-A9-D4)	Human;Rat;Monkey	WB
c-Myb	Ab096986	Recombinant c-Myb Antibody	Recombinant	Human	WB
MYC	Ab097003	Recombinant c-Myc Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC

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Specificity	Cat.No.	Product Name	Type	Species reactivity	Application
DKK1	Ab099940	Recombinant DKK1 Antibody	Recombinant	Human;Rat	WB;IHC
DKK3	Ab099949	Recombinant Dkk3 Antibody	Recombinant	Human;Rat	WB
EIF2A	Ab101265	Recombinant eIF2A Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC
eIF3B	Ab101312	Recombinant eIF3B Antibody	Recombinant	Human;Mouse;Rat; Monkey	WB;IF/ICC
EIF4A1	Ab101344	Recombinant eIF4A1 Antibody	Recombinant	Human;Mouse;Rat	WB
EIF4B	Ab101365	Recombinant eIF4B Antibody	Recombinant	Human	WB;IHC
EIF4E	Ab101380	Recombinant eIF4E Antibody	Recombinant	Human;Mouse;Rat	WB;IHC
FOXA1	Ab103911	Recombinant FOXA1 Antibody	Recombinant	Human;Rat	WB;IF/ICC
FOXA2	Ab103920	Recombinant FOXA2 Antibody	Recombinant	Human;Mouse	WB
GABARAP	Ab104437	Recombinant GABARAP Antibody	Recombinant	Human;Mouse;Rat	WB
GAD67	Ab104489	Recombinant GAD67 Antibody	Recombinant	Human;Mouse;Rat	WB
GFAP	Ab179925	GFAP Mouse mAb	mAb(EF02/4C5)	Human;Mouse	WB
GFP	Ab105284	GFP Mouse mAb	mAb (3A10)	Species independent	WB;IF/ICC
HDAC3	Ab107045	HDAC3 Mouse mAb	mAb (3G3-H6-H10)	Human;Mouse;Rat	WB
HDAC4	Ab107057	HDAC4 Mouse mAb	mAb (4A3-H7-C6)	Human;Mouse;Rat; Monkey	WB;IP
Histone H4	Ab156574	Histone H4 Mouse mAb	mAb (CD01/2H7)	Human;Mouse;Rat	WB;IF/ICC
HLA-DRB1	Ab108170	HLA Class II DRB1 Mouse mAb	mAb (C1)	Human	WB
IDH1	Ab109324	IDH1 Mouse mAb	mAb (C12)	Human;Mouse	WB;IHC
IDH2	Ab109347	IDH2 Antibody	pAb	Human;Mouse;Pig	WB;IHC
JAK1	Ab111446	Recombinant JAK1 Antibody	Recombinant	Human;Mouse;Rat	WB
JAK3	Ab111461	Recombinant JAK3 Antibody	Recombinant	Human	WB
JUND	Ab111580	Recombinant JunD Antibody	Recombinant	Human;Mouse;Rat	WB
MAP1LC3C	Ab112877	LC3C Antibody	pAb	Human	WB
MAP2K3	Ab114878	Recombinant MEK3 Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC
MAP3K2	Ab114897	Recombinant MEKK2 Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC
MAPK10	Ab111538	Recombinant JNK3 Antibody	Recombinant	Human;Mouse;Rat	WB
MAPK11	Ab119724	MAPK11 Antibody	pAb	Human	WB;IHC
MAPK13	Ab119725	MAPK13 Antibody	pAb	Human;Mouse;Rat	WB

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Specificity	Cat.No.	Product Name	Type	Species reactivity	Application
MAPK8	Ab111518	Recombinant JNK1 Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ICC
MAPT	Ab130337	Tau Antibody	pAb	Human;Pig	WB;IHC
MERTK	Ab114993	Recombinant MERTK Antibody	Recombinant	Human	WB;IHC
MET	Ab115058	Recombinant MET Antibody	Recombinant	Human;Mouse;Rat	WB; IF/ICC;IHC
METTL14	Ab115157	METTL14 Antibody	pAb	Human;Mouse	WB;IHC
METTL3	Ab115170	Recombinant METTL3 Antibody	Recombinant	Human;Mouse;Rat	WB
MLKL	Ab115571	Recombinant MLKL Antibody	Recombinant	Human;Mouse	WB
MMP1	Ab115600	MMP1 Antibody	pAb	Human	WB
MMP14	Ab115644	Recombinant MMP14 Antibody	Recombinant	Human;Rat;Hamster	WB;IHC
MMP2	Ab115657	MMP2 Mouse mAb	mAb (C1)	Human;Mouse;Rat	WB;IHC
MMP9	Ab115721	MMP9 antibody	pAb	Human;Rat	WB; IF/ICC;IHC
NeuN	Ab117624	NeuN Antibody	pAb	Human;Mouse;Rat	WB; IF/ICC;IHC
Nkx3.1	Ab118203	Recombinant Nkx3.1 Antibody	Recombinant	Human	WB
NRCAM	Ab118709	Recombinant NrCAM Antibody	Recombinant	Human;Mouse	WB
p53	Ab119827	p53 Mouse mAb	mAb (D1)	Human;Rat	WB
PIK3R2	Ab121783	Recombinant PI 3 Kinase p85 beta Antibody	Recombinant	Human;Rat	WB;IHC
PIK3R3	Ab121763	Recombinant PI 3 Kinase p55 gamma Antibody	Recombinant	Human;Mouse;Rat	WB
PRKAA1	Ab088655	Recombinant AMPK alpha 1 Antibody	Recombinant	Human;Mouse;Rat	WB;IF/ ICC;IHC
PRKAB1	Ab088673	Recombinant AMPK beta 1 Antibody	Recombinant	Human;Mouse;Rat	WB
PTPN1/2	Ab130557	Recombinant PTPN1/2 Antibody	Recombinant	Human;Mouse	WB
RASSF1	Ab124684	RASSF1 Antibody	pAb	Human	WB
RELA	Ab117948	Recombinant NF-kB p65 Antibody	Recombinant	Human;Mouse	WB;IHC
SMAD5	Ab128237	SMAD5 Mouse mAb	mAb (4B10-B10-B6)	Human;Mouse;Rat	WB;IF/ICC; Flow Cytometry
SMAD9	Ab128246	SMAD9 Antibody	pAb	Human	WB;IF/ICC; IHC
SQSTM1	Ab129090	SQSTM1 Mouse mAb	mAb (C1)	Human	WB;IF/ICC

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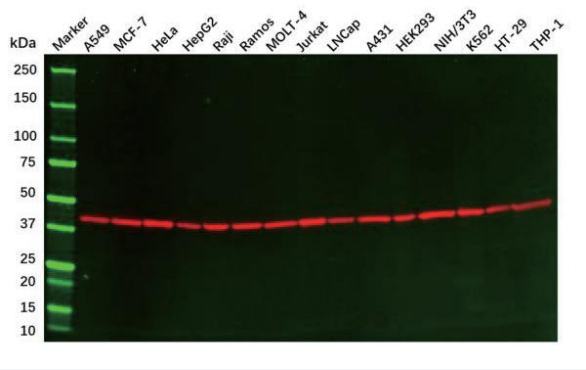
WB Antibodies

Specificity	Cat.No.	Product Name	Type	Species reactivity	Application
Syk	Ab129910	Syk Antibody	pAb	Human;Mouse;Rat	WB;IHC
TGFBI	Ab130905	TGFBI Antibody	pAb	Human;Mouse;Rat	WB;IHC
TGFBR1	Ab130870	TGF beta Receptor I Antibody	pAb	Human;Mouse;Rat	WB;IF/ICC
TOMM40	Ab131963	TOMM40 Antibody	pAb	Human	WB;IF/ICC; Flow Cytometry
WNT1	Ab134725	Wnt1 Antibody	pAb	Human;Pig	WB;IF/ICC;IHC
WNT10B	Ab134730	Wnt10b Antibody	pAb	Human;Mouse;Rat	WB
WNT8B	Ab134790	Wnt8b Antibody	pAb	Human;Mouse	WB
XIAP	Ab134877	XIAP Antibody	pAb	Human;Mouse;Rat	WB;IF/ICC;IHC
YAP1	Ab134985	YAP1 Mouse mAb	mAb(1A12)	Human	WB;Flow Cytometry; ELISA;IHC

Loading Controls

Cat.No.	Product Name	Application	Size
Ab179938	alpha Tubulin Mouse mAb	WB;IF/ICC;Flow Cytometry	10μl/50μl/100μl/1ml
Ab155822	beta Actin Mouse mAb	WB;IF/ICC;Flow Cytometry	10μl/20μl/50μl/100μl/1ml
Ab091155	beta III Tubulin Mouse mAb	WB	10μl/50μl/100μl/1ml
Ab179921	beta Tubulin Mouse mAb	WB;Flow Cytometry	10μl/20μl/50μl/100μl/1ml
Ab155825	GAPDH Mouse mAb	WB;IF/ICC;Flow Cytometry	10μl/20μl/50μl/100μl/1ml
Ab108868	Hsp60 Mouse mAb	WB	10μl/20μl/50μl/100μl/1ml
Ab187005	Hsp70 Mouse mAb	WB	10μl/50μl/100μl/1ml



Western blot-beta Actin Mouse mAb(Ab155822)

All lanes: beta Actin Mouse mAb (Ab155822) at 1/10000 dilution

Samples: Lysates at 20 μg per lane

Secondary: Goat Anti-Mouse IgG H&L (HRP) at 1/10000 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa

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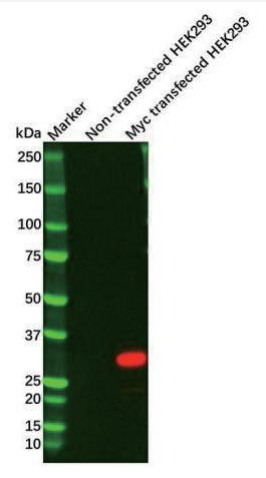
Tag Antibodies

Cat.No.	Product Name	Application	Size
Ab155828	GST Tag Mouse mAb	WB	10μl/50μl/100μl/1ml
Ab106776	HA tag Mouse mAb	WB;IF/ICC	10μl/50μl/100μl/1ml
Ab086831	His tag Mouse mAb	WB;IF/ICC	10μl/50μl/100μl/1ml
Ab184305	MBP Tag Mouse mAb	WB	10μl/50μl/100μl/1ml
Ab116621	Myc tag Mouse mAb	WB;IF/ICC;IP	10μl/50μl/100μl/1ml
Ab169237	Myc tag Mouse mAb	WB	10μl/50μl/100μl/1ml
Ab099358	Recombinant DYKDDDDK tag Antibody	WB	10μl/50μl/100μl/1ml
Ab184300	Sumo tag Mouse mAb	WB	10μl/50μl/100μl/1ml
Ab134509	VSV-G tag Mouse mAb	WB;IF/ICC;IP	10μl/50μl/100μl/1ml



Western Blot-Myc tag Mouse mAb (Ab116621)

All lanes: Myc tag Mouse mAb (Ab116621) at 1/5000 dilution

Samples: Lysates at 5 μg per lane

Secondary: Goat Anti-Mouse IgG H&L (HRP) (Ab138040) at 1/40000 dilution

Predicted band size: 29 kDa

Observed band size: 32 kDa

Exposure time: 0.1 s

Secondary Antibodies

Cat.No.	Product Name	Application	Size
Ab136895	Donkey Anti-Rabbit IgG H&L (Biotin)	WB;IF/ICC;ELISA;IHC	100μg/500μl/1mg
Ab137759	Goat Anti-Chicken IgY H&L (HRP)	WB;ELISA;IHC	100μl/1ml
Ab138040	Goat Anti-Mouse IgG H&L (HRP)	WB;ELISA;IHC	100μl/1ml
Ab141534	Rabbit Anti-Goat IgG H&L (HRP)	WB;ELISA;IHC	100μl/1ml
Ab141622	Rabbit Anti-Mouse IgG H&L (HRP)	WB;ELISA;IHC	100μl/1ml
Ab176120	Goat Anti-Bovine IgG H&L Antibody	WB;EIA;CLIA;LF;GICA	1mg/2mg/10mg
Ab170181	Goat Anti-Chicken IgY H&L (HRP)	WB;ELISA	100μg/1mg

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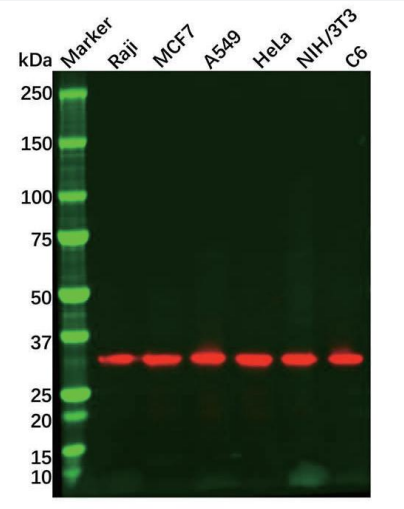
Secondary Antibodies

Cat.No.	Product Name	Application	Size
Ab175835	Goat Anti-Human IgG (HRP)	WB;ELISA	100μg/1mg
Ab179008	Goat Anti-Mouse IgG H&L (Alkaline Phosphatase)	WB;ELISA	10μl/100μl/1ml
Ab179002	Goat Anti-Mouse IgG H&L (Biotin)	WB;IF/ICC;ELISA	100μg/1mg
Ab156253	Goat Anti-Mouse IgG H&L (Biotin)	WB;IF/ICC;ELISA	100μg/1mg
Ab156255	Goat Anti-Mouse IgG H&L (HRP)	WB;ELISA	100μg/1mg
Ab179001	Goat Anti-Mouse IgG H&L (HRP)	WB;ELISA	100μg/1mg
Ab176442	Goat Anti-Rabbit IgG H&L (Biotin)	WB;ELISA	100μg/1mg
Ab176443	Goat Anti-Rabbit IgG H&L (HRP)	WB;ELISA	100μg/1mg
Ab176439	Rabbit Anti-Mouse IgG (Biotin)	WB;ELISA	100μg/1mg
Ab176437	Rabbit Anti-Mouse IgG (HRP)	WB;ELISA	100μl/1ml



Western Blot-Goat Anti-Rabbit IgG H&L (HRP) (Ab176443)

Secondary: Goat Anti-Rabbit IgG H&L (HRP) (Ab176443) at 1/40000 dilution

Recommended dilution ratio for WB: 1/10000-1/200000

Recommended dilution ratio for ELISA: 1:10000-1:100000

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