

Product datasheet for **CF502630**

NECAB1 Mouse Monoclonal Antibody [Clone ID: OTI2H5]

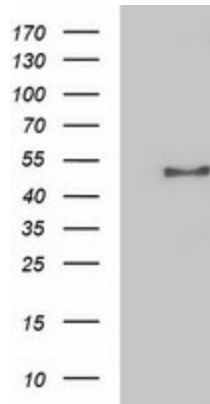
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2H5
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NECAB1 (NP_071746) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.4 kDa
Gene Name:	N-terminal EF-hand calcium binding protein 1
Database Link:	NP_071746 Entrez Gene 64168 Human Q8N987
Synonyms:	EFCBP1; STIP-1

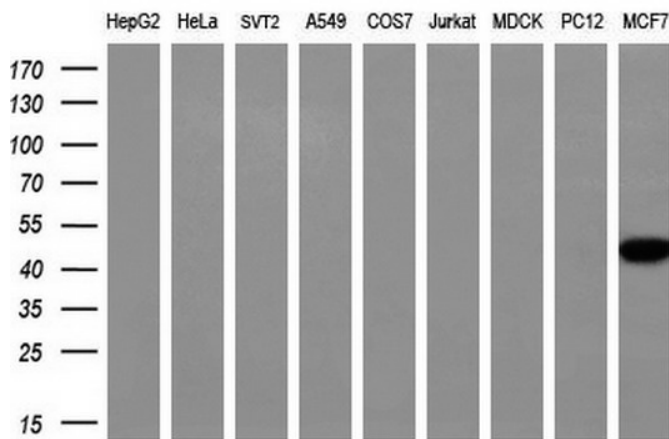


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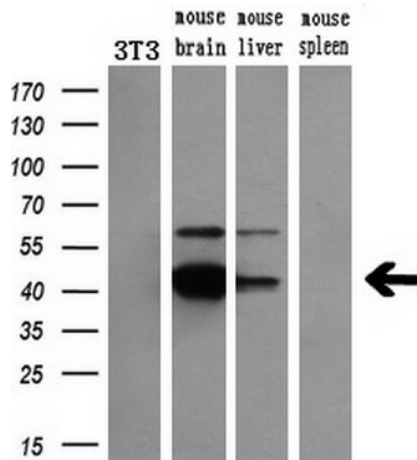
Product images:



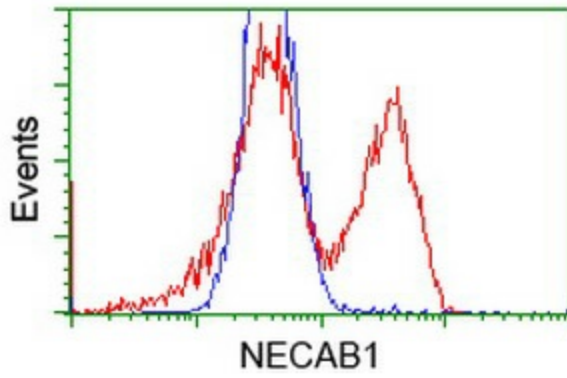
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NECAB1 (Cat# [RC209704], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NECAB1(Cat# [TA502630]). Positive lysates [LY411679] (100ug) and [LC411679] (20ug) can be purchased separately from OriGene.



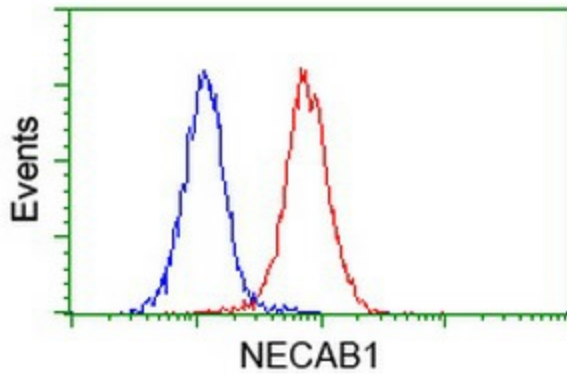
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NECAB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-NECAB1 monoclonal antibody (1:200).



HEK293T cells transfected with either [RC209704] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NECAB1 antibody ([TA502630]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-NECAB1 antibody ([TA502630]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).