

Mouse NUMB Monoclonal Antibody | anti-NUMB antibody

NUMB antibody

CATALOG # AAA107301	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

NUMB; Monoclonal Antibody; NUMB antibody; Monoclonal NUMB; Anti-NUMB; Numb homolog; h-Numb; S171; Protein numb homolog; anti-NUMB antibody

PRODUCT SPECIFICATIONS

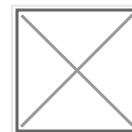
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A7
Purity/Purification	NUMB antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	640
Applicable Applications for anti-NUMB antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	NUMB plays a role in the determination of cell fates during development. The NUMB protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1.
Cross-Reactivity	Human
Immunogen	NUMB antibody was raised in mouse using a full length recombinant protein of human NUMB (NP_003735) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant NUMB protein using NUMB antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NUMB protein (Right) or empty vector (Left) detected with NUMB antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant NUMB protein (red) or empty vector (blue) stained using NUMB antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NUMB antibody	Mouse monoclonal NUMB antibody
Product Categories/Family for anti-NUMB antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070356
NCBI GeneID	8650
NCBI Accession #	NP_003735
NCBI GenBank Nucleotide #	NM_003744.5
UniProt Accession #	P49757 ; Q6NUQ7 ; Q86SY1 ; Q8WW73 ; Q9UBG1 ; Q9UEQ4 ; B1P2N5 ; B1P2N6 ; B1P2N7 ; B1P2N8 ; B1P2N9 ; B4E2B1
Molecular Weight	37,396 Da
NCBI Official Full Name	protein numb homolog isoform 3
NCBI Official Synonym Full Names	numb homolog (Drosophila)
NCBI Official Symbol	NUMB
NCBI Official Synonym Symbols	S171 ; C14orf41 ; c14_5527
NCBI Protein Information	protein numb homolog
UniProt Protein Name	Protein numb homolog
UniProt Gene Name	NUMB
UniProt Synonym Gene Names	h-Numb
UniProt Entry Name	NUMB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/numb-antibody-clone-1a7-western-blot-immunofluorescence-flow-cytometry-elisa/107301>