

Mouse anti-Human, Mouse Alpha-internexin Monoclonal Antibody | anti-INA antibody

Anti-Alpha-internexin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266082	Mouse	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Alpha-internexin; Monoclonal Antibody; Anti-Alpha-internexin Antibody; anti-INA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of Alpha-internexin protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-INA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Alpha-internexin. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



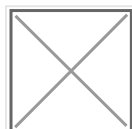
IF (Immunofluorescence)

Immunofluorescent analysis of Alpha-internexin staining in brain tissue cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-internexin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Alpha-internexin expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 55 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-INA antibody	Mouse monoclonal antibody to Alpha-internexin
Product Categories/Family for anti-INA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14249342
NCBI GeneID	9118
NCBI Accession #	NP_116116.1
NCBI GenBank Nucleotide #	NM_032727.3
UniProt Accession #	Q16352; P46660
Molecular Weight	55,391 Da
NCBI Official Full Name	alpha-internexin
NCBI Official Synonym Full Names	internexin neuronal intermediate filament protein, alpha
NCBI Official Symbol	INA
NCBI Official Synonym Symbols	NEF5; NF-66; TXBP-1
NCBI Protein Information	alpha-internexin; alpha-Inx; neurofilament 5 (66kD); 66 kDa neurofilament protein; neurofilament-66, tax-binding protein
UniProt Protein Name	Alpha-internexin
UniProt Gene Name	INA
UniProt Synonym Gene Names	NEF5; Alpha-Inx; NF-66
UniProt Entry Name	AINX_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/alpha-internexin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/266082>