Mouse anti-Human, Mouse NEK10 Monoclonal Antibody | anti-NEK10 antibody

NEK10 (Never in Mitosis A-related Kinase 10, NimA-related Protein Kinase 10, FLJ32685, Serine/Threonine Protein Kinase Nek10, FLJ32685) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25175	**Mouse**	**Human, Mouse**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

NEK10; Monoclonal Antibody; NEK10 (Never in Mitosis A-related Kinase 10; NimA-related Protein Kinase 10; FLJ32685; Serine/Threonine Protein Kinase Nek10; FLJ32685) (FITC); anti-NEK10 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1C9
Specificity	Recognizes human NEK10. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	1172
Applicable Applications for anti-NEK10 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant protein corresponding to aa211-301 from human NEK10 (NP_68974) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RYFMEANRNTVTCHHELAVLSHETFEKASLSSSSSGAASLKSELSESADLPPEGFQASYGKDEDRACDEILSDDNFNLENAEKDTYSEVD
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
NEK10 monoclonal antibody, Western Blot analysis of NEK10 expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (36.01kD).

Application Data
Detection limit for recombinant GST tagged NEK10 is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to NEK10 on HeLa cell. [antibody concentration 10ug/ml].

WB (Western Blot)
Western Blot analysis of NEK10 expression in transfected 293T cell line by NEK10 monoclonal antibody. Lane 1: NEK10 transfected lysate (53.1kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
NEK10 monoclonal antibody. Western Blot analysis of NEK10 expression in NIH/3T3.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NEK10 antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	207029296
NCBI Accession #	NP_689747
NCBI GenBank Nucleotide #	NM_152534
UniProt Accession #	Q6ZWH5
NCBI Official Full Name	serine/threonine-protein kinase Nek10 isoform 2
UniProt Protein Name	Serine/threonine-protein kinase Nek10
UniProt Gene Name	**NEK10**
UniProt Synonym Gene Names	NimA-related protein kinase 10
UniProt Entry Name	NEK10_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/nek10-antibody-clone-1c9-immunofluorescence-western-blot-elisa/25175