Mouse NEK9 Monoclonal Antibody | anti-NEK9 antibody

NEK9 (Serine/Threonine-protein Kinase Nek9, Nercc1 Kinase, Never in Mitosis A-related Kinase 9, NimA-related Protein Kinase 9, NimA-related Kinase 8, Nek8, KIAA1995, NEK8, NERCC, DKFZp434D0935, MGC138306, MGC16714, NERCC1) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25767	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

NEK9; Monoclonal Antibody; NEK9 (Serine/Threonine-protein Kinase Nek9; Nercc1 Kinase; Never in Mitosis A-related Kinase 9; NimA-related Protein Kinase 9; NimA-related Kinase 8; Nek8; KIAA1995; NEK8; NERCC; DKFZp434D0935; MGC138306; MGC16714; NERCC1) (PE); anti-NEK9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F6
Specificity	Recognizes human NEK9. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	3443
Applicable Applications for anti-NEK9 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa226-326 from human NEK9 (AAH09336) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	AGKGTPLTPPACACSSLQVEVERLQGLVLKCLAEQQKLQQENLQIFTQLQKLNKKLEGGQQVGMHSKGTQTAKEEMEMDPKPDLDSDSWCLLGTDSCR
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of proc centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
NEK9 monoclonal antibody. Western Blot analysis of NEK9 expression in PC-12.

WB (Western Blot)
NEK9 monoclonal antibody Western Blot analysis of NEK9 expression in HeLa.

Application Data
Detection limit for recombinant GST tagged NEK9 is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to NEK9 on HeLa cell. [antibody concentration 10ug/ml].

WB (Western Blot)
Western Blot analysis of NEK9 expression in transfected 293T cell line by NEK9 monoclonal antibody. Lane 1: NEK9 transfected lysate (107.2kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
NEK9 monoclonal antibody. Western Blot analysis of NEK9 expression in NIH/3T3.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NEK9 antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	40225364
NCBI GeneID	91754
NCBI Official Full Name	Homo sapiens NIMA (never in mitosis gene a)- related kinase 9, mRNA
NCBI Official Synonym Full Names	NIMA related kinase 9
NCBI Official Symbol	NEK9
NCBI Official Synonym Symbols	NC; APUG; NERCC; LCCS10; NERCC1
NCBI Protein Information	serine/threonine-protein kinase Nek9

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/nek9-antibody-clone-1f6-immunofluorescence-western-blot-elisa/25767