Mouse anti-Human AKAP8 Monoclonal Antibody | anti-AKAP8 antibody

AKAP8 (A-kinase Anchor Protein 8, AKAP-8, A-kinase Anchor Protein 95kD, AKAP 95, AKAP95, DKFZp586B1222) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25607	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

AKAP8; Monoclonal Antibody; AKAP8 (A-kinase Anchor Protein 8; AKAP-8; A-kinase Anchor Protein 95kD; AKAP 95; AKAP95; DKFZp586B1222) (PE); anti-AKAP8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D4
Specificity	Recognizes human AKAP8.
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).
Applicable Applications for anti-AKAP8 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa551-662 from AKAP8 (NP_005849) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VDPEMEGDDNLGGEDKKETPEEVAADVLAEVITAAVRAVDGEGAPAPESSGEPAEDEGPTDTAEAGSDPQAEQLLEEQVPCGTAHEKGVPKARSEAAE
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 immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifu prior to removing the cap.

IMAGES

WB (Western Blot)
AKAP8 monoclonal antibody (Western Blot analysis of AKAP8 expression in HeLa NE

IP (Immunoprecipitation)
Immunoprecipitation of AKAP8 transfected lysate using AKAP8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with AKAP8 monoclonal antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to AKAP8 on HeLa cell. [antibody concentration 10ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to AKAP8 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of AKAP8 expression in transfected 293T cell line by AKAP8 monoclonal antibody Lane 1: AKAP8 transfected lysate (76.2kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (38.43kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKAP8 antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031579
NCBI GeneID	10270
NCBI Accession #	NP_005849
NCBI GenBank Nucleotide #	NM_005858
UniProt Accession #	O43823
Molecular Weight	76kDa
NCBI Official Full Name	A-kinase anchor protein 8
NCBI Official Synonym Full Names	A-kinase anchoring protein 8
NCBI Official Symbol	AKAP8
NCBI Official Synonym Symbols	AKAP-8; AKAP95; AKAP 95; AKAP-95
NCBI Protein Information	A-kinase anchor protein 8
UniProt Protein Name	A-kinase anchor protein 8
UniProt Gene Name	**AKAP8**
UniProt Synonym Gene Names	AKAP95; AKAP-8; AKAP 95
UniProt Entry Name	AKAP8_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/akap8-antibody-clone-3d4-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25607