

Mouse anti-Human 14-3-3 epsilon Monoclonal Antibody | anti-14-3-3 epsilon antibody

14-3-3 epsilon antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48240	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

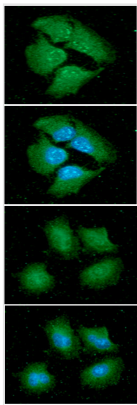
PRODUCT SYNONYMS

14-3-3 epsilon; Monoclonal Antibody; 14-3-3 epsilon antibody; Tyrosine 3-monooxygenase/ tryptophan 5-monooxygenase activation protein epsilon polypeptide; YWHAE; MDS; MDCR; KCIP-1; FLJ45465; Tyrosine 3/tryptophan 5 -monooxygenase activation protein; epsilon polypeptide; Tyrosine 3-monooxygenase/ tryptophan 5-monooxygenase activation protein; epsilon polypeptide 14 3 3 E; 14 3 3E; KCIP 1; KCIP1; Mitochondrial import stimulation factor L subunit; Protein kinase C inhibitor protein1; Tyrosine 3/tryptophan 5 monooxygenase activation protein epsilon polypeptide.; anti-14-3-3 epsilon antibody

PRODUCT SPECIFICATIONS

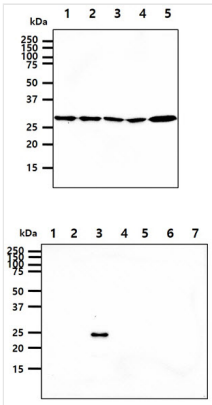
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT4F8
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-14-3-3 epsilon antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen	Recombinant human14-3-3 epsilon (1-255aa) purified from E. coli
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20 C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of 14-3-3 epsilon in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human 14-3-3 epsilon antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of 14-3-3 epsilon in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human 14-3-3 epsilon antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human 14-3-3 epsilon antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: Jurkat cell lysate Lane 3.: 293T cell lysate Lane 4.: A549 cell lysate Lane 5.: Mouse Brain Tissue lysate The Recombinant Protein (50ng) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human 14-3-3 epsilon antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 14-3-3 Zeta Recombinant Protein Lane 2.: 14-3-3 Beta Recombinant Protein Lane 3.: 14-3-3 Epsilon Recombinant Protein Lane 4.: 14-3-3 Eta Recombinant Protein Lane 5.: 14-3-3 Gamma Recombinant Protein Lane 6.: 14-3-3 Sigma Recombinant Protein Lane 7.: 14-3-3 Tau Recombinant Protein

ADDITIONAL INFORMATION

Product Categories/Family for anti-14-3-3 epsilon antibody	Neuroscience
References	Oriente F., et al. (2005) J Biol Chem. 280 (49): 40642-9.; Conklin D., et al. (1995) PNAS. 92 (17): 7892-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803225
NCBI GeneID	7531
NCBI Accession #	NP_006752
NCBI GenBank Nucleotide #	NM_006761.4
UniProt Accession #	P62258; P29360; P42655; Q4VJB6; Q53XZ5; Q63631; Q7M4R4; B3KY71; D3DTH5
NCBI Official Full Name	14-3-3 protein epsilon
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon
NCBI Official Symbol	YWHAE
NCBI Official Synonym Symbols	MDS; HEL2; MDCR; KCIP-1; 14-3-3E
NCBI Protein Information	14-3-3 protein epsilon
UniProt Protein Name	14-3-3 protein epsilon
UniProt Gene Name	YWHAE
UniProt Synonym Gene Names	14-3-3E

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.

