

Mouse anti-Human EPHA2 Monoclonal Antibody | anti-EPHA2 antibody

EPHA2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48259	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

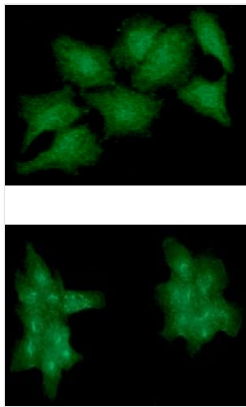
PRODUCT SYNONYMS

EPHA2; Monoclonal Antibody; EPHA2 antibody; Ephrin type-A receptor 2; ARCC2; CTPA; CTPP1; CTRCT6; ECK; AW545284; EC 2.7.10.1; Eck; Eph receptor A2; EPHA2_HUMAN; Ephrin receptor; Ephrin receptor EphA2; Ephrin type A receptor 2; Epithelial cell kinase; Epithelial cell receptor protein tyrosine kinase; Myk 2; Myk2; Sek 2 Sek2; Tyrosine protein kinase receptor ECK; Tyrosine-protein kinase receptor ECK; Tyrosine-protein kinase receptor MPK-5; Tyrosine-protein kinase receptor SEK-2; anti-EPHA2 antibody

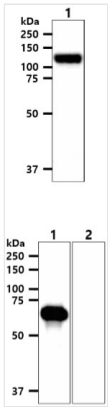
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT66G9
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)
Sequence Length	976
Applicable Applications for anti-EPHA2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human EPHA2 (27-537aa) purified from E. coli
Clone Note	Anti-human EPHA2 mAb, clone AT66G9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human EPHA2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
ICC/IF analysis of EPHA2 in HeLa cell line, stained monoclonal anti-human EPHA2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of EPHA2 in A431 cell line, stained monoclonal anti-human EPHA2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)
The cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human EPHA2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : PC3 cell lysate Recombinant proteins (20ng) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human EPHA2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : Recombinant human EPHA2 extracellular domain Lane 2 : Recombinant human EPHA2 cytoplasmic domain

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA2 antibody	EPHA2, also known as ephrin type-A receptor 2, is a member of the ephrin receptor subfamily of the protein-tyrosine kinase family. It is implicated as positional labels that may guide the development of neural topographic maps. It has also been found implicated in embryonic patterning, neuronal targeting, vascular development and adult neovascularization.
Product Categories/Family for anti-EPHA2 antibody	Signal Transduction; Metabolism
References	Flanagan JG., et al. (1998) Annu Rev Neurosci. 21: 309-345. ; Cheng N., et al. (2002) Cytokine Growth Factor Rev. 13: 75-85.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967311
NCBI GeneID	1969
NCBI Accession #	NP_004422
NCBI GenBank Nucleotide #	NM_004431.4
UniProt Accession #	P29317; Q8N3Z2; B5A968
Molecular Weight	54,305 Da
NCBI Official Full Name	ephrin type-A receptor 2 isoform 1
NCBI Official Synonym Full Names	EPH receptor A2
NCBI Official Symbol	EPHA2
NCBI Official Synonym Symbols	ECK; CTPA; ARCC2; CTPP1; CTRCT6
NCBI Protein Information	ephrin type-A receptor 2
UniProt Protein Name	Ephrin type-A receptor 2
UniProt Gene Name	EPHA2

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/epha2-antibody-clone-at66g9-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48259>