

Mouse anti-Human EPHA2 / EPH Receptor A2 Monoclonal Antibody | anti-EPHA2 antibody

Mouse Monoclonal [clone 1B3C7] (IgM) to Human EPHA2 / EPH Receptor A2

CATALOG # AAA51875	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

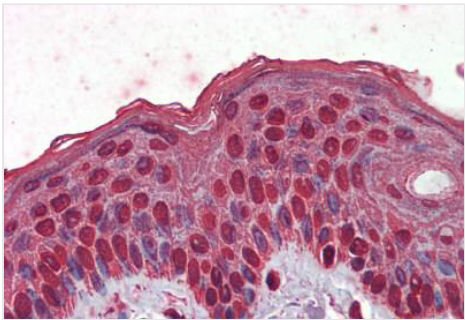
EPHA2 / EPH Receptor A2; Monoclonal Antibody; Mouse Monoclonal [clone 1B3C7] (IgM) to Human EPHA2 / EPH Receptor A2; Anti-EPHA2 / EPH Receptor A2 Antibody (clone 1B3C7) IHC-plus; EPHA2; CTPA; EPH receptor A2; Ephrin type-A receptor 2; Epithelial cell kinase; ECK; Sek-2; ARCC2; Soluble EPHA2 variant 1; CTPP1; Human EPHA2; EPH Receptor A2; anti-EPHA2 antibody

PRODUCT SPECIFICATIONS

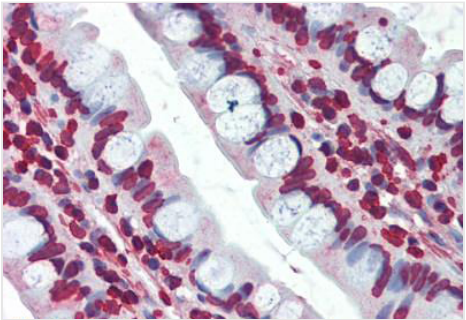
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM
Clone Number	1B3C7
Specificity	Human EPHA2
Purity/Purification	Ascites
Form/Format	Ascites fluid, 0.03% sodium azide
Sequence Length	976
Applicable Applications for anti-EPHA2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant fragment of EphA2 expressed in E Coli.
Immunogen Type	Recombinant protein
Immunogen	EPHA2 / EPH Receptor A2 antibody was raised against purified recombinant fragment of EphA2 expressed in E Coli.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.



WB (Western Blot)
Western blot of anti-human EphA2 monoclonal antibody against NIH3T3 cell lysate.



IHC (Immunohistochemistry)
Anti-EPHA2 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)
Anti-EPHA2 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA2 antibody	EPH receptor A2 (EPHA2) belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats.
Product Categories/Family for anti-EPHA2 antibody	Family: Protein Kinase; Subfamily: Ephrin Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967311
NCBI GeneID	1969
NCBI Accession #	NP_004422.2
NCBI GenBank Nucleotide #	NM_004431.3
UniProt Accession #	P29317; Q8N3Z2; B5A968
Molecular Weight	54,305 Da
NCBI Official Full Name	ephrin type-A receptor 2
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; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK; epithelial cell receptor protein tyrosine kinase
UniProt Protein Name	Ephrin type-A receptor 2
UniProt Gene Name	EPHA2
UniProt Synonym Gene Names	ECK
UniProt Entry Name	EPHA2_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/epha2-eph-receptor-a2-antibody-clone-1b3c7-western-blot-immunohistochemistry-elisa/51875>