

32-6079: Mouse Anti Human EPH receptor A2(Clone:P3D7AT.)

Clonality :	Monoclonal
Clone Name :	P3D7AT.
Application :	ELISA,WB ,IHC
Gene :	EPHA2
Gene ID :	1969
Uniprot ID :	P29317
Format :	Purified
Alternative Name :	EPH receptor A2,Ephrin type-A receptor 2,Tyrosine-protein kinase receptor ECK,Epithelial cell kinase,EPHA2,ECK,ARCC2.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human EPHA2 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human EPHA2 amino acids 1-154 purified from E. coli.

Description

EPHA2 is a member of the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors are 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. The ephrin receptors are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. The EPHA2 gene encodes a protein that binds ephrin-A ligands. Mutations in the EPHA2 gene are the origin of certain genetically-related cataract disorders.

Product Info

Amount :	20 µg
Purification :	EPHA2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

EPHA2 antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:500 ~ 1:2,000 and immunohistochemistry analysis is 1:100~200. Recommended starting dilution for Western blot is 1:500 and Immunohistochemistry is 1:100.