

RecomAb™

EPHA2 recombinant monoclonal antibody, clone 1C1

Catalog # RAB00091 Size 200 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EPHA2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against soluble human sEphA2, residues 183-510.
Reactivity	Human
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG, kappa
Recommend Usage	ELISA (0.1 ug/mL) Flow Cytometry (1 ug/mL) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — EPHA2

Entrez GeneID [1969](#)

Protein Accession# [P29317](#)

Gene Name EPHA2

Gene Alias ECK

Gene Description EPH receptor A2

Omim ID [176946](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene 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. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]

Other Designations ephrin receptor EphA2|epithelial cell receptor protein tyrosine kinase|protein tyrosine kinase|receptor protein tyrosine kinase regulated by p53 and E2F-1|soluble EPHA2 variant 1

Pathway

- [Axon guidance](#)

Disease

- [Cataract](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)