

For Research Use Only

EPHA2 Recombinant monoclonal antibody

Catalog Number: 87562-1-RR



Basic Information

Catalog Number: 87562-1-RR	GenBank Accession Number: BC037166	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1969	CloneNo.: 252900E11
Isotype: IgG	UNIPROT ID: P29317	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: EG0146	Full Name: EPH receptor A2	
	Calculated MW: 976 aa, 108 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : A431 cells, A375 cells, HEK-293 cells IF/ICC : A431 cells,
Species Specificity: human	

Background Information

EPHA2 (Ephrin type-A receptor 2) belongs to the receptor tyrosine kinase (RTK) family, with 16 known receptors and 9 known membrane-bound ligands in all species. Based on the extracellular domain sequence homology, structure, and binding affinity, Eph receptors and their ephrin ligands can be divided into A and B subtypes (PMID: 33962882). EPHA2 contains a conserved N-terminal ligand-bound extracellular domain, a transmembrane domain, and a conserved tyrosine kinase domain (PMID: 8070404).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

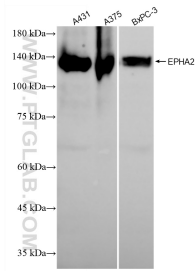
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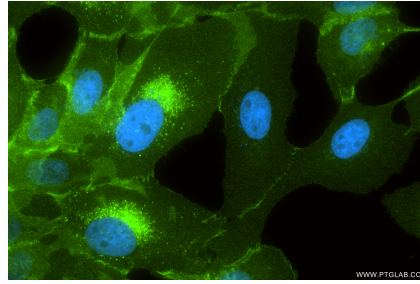
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87562-1-RR (EPHA2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using EPHA2 antibody (87562-1-RR, Clone: 252900E11) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).