

For Research Use Only

Phospho-EPHA2 (Tyr588) Recombinant monoclonal antibody, PBS Only

Catalog Number: 87445-2-PBS



Basic Information

Catalog Number: 87445-2-PBS	GenBank Accession Number: BC037166	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1969	CloneNo.: 251723A6
Source: Rabbit	UNIPROT ID: P29317	
Isotype: IgG	Full Name: EPH receptor A2	
	Calculated MW: 976 aa, 108 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

Background Information

Ephrin type-A receptor 2 (EPHA2), belongs to the receptor tyrosine kinases (RTKs) family, that binds promiscuously membrane-bound ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. Research studies have shown that Eph receptors and ligands may be involved in many diseases including cancer (PMID: 11114742). The "reverse signaling" function, whereby the cytoplasmic domain becomes tyrosine phosphorylated, allows interactions with other proteins that may activate signaling pathways in the ligand-expressing cells. The detected molecular weight is around 110 kDa.

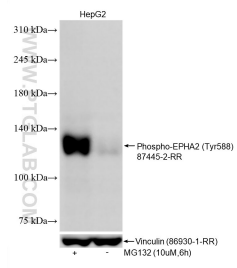
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Non-treated HepG2 cells and MG132 treated HepG2 cells were subjected to SDS PAGE followed by western blot with 87445-2-RR (Phospho-EPHA2 (Tyr588) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Vinculin (86930-1-RR) antibody as a loading control. This data was developed using the same antibody clone with 87445-2-PBS in a different storage buffer formulation.