

For Research Use Only

EPS15 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84179-1-PBS



Basic Information

Catalog Number: 84179-1-PBS	GenBank Accession Number: NM_001981.3	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2060	CloneNo.: 241485B7
Source: Rabbit	UNIPROT ID: P42566	
Isotype: IgG	Full Name: epidermal growth factor receptor pathway substrate 15	
Immunogen Catalog Number: AG35282	Calculated MW: 99 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

EPS15 was originally identified as a substrate for the kinase activity of the epidermal growth factor receptor (EGFR). EPS15 has a tripartite structure comprising an NH₂-terminal portion, which contains three EH domains, a central putative coiled-coil region, and a COOH-terminal domain containing multiple copies of the amino acid triplet Aspartate-Proline-Phenylalanine (PMID: 10481267). EPS15 is phosphorylated on tyrosine residues following EGFR activation (PMID: 7689153).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

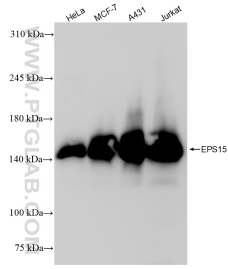
T: 4006900926

E: Proteintech-CN@ptglab.com

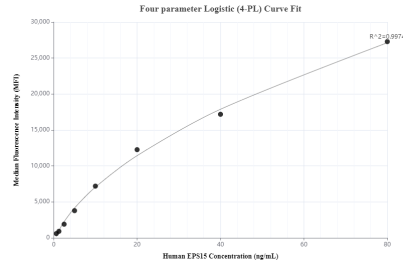
W: ptgcn.com

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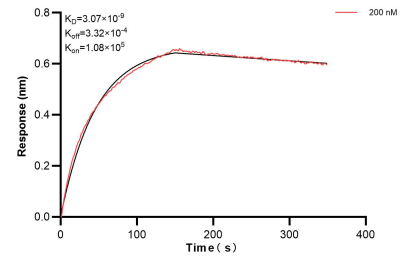
Selected Validation Data



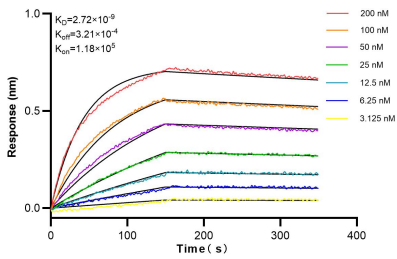
Various lysates were subjected to SDS PAGE followed by western blot with 84179-1-RR (EPS15 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84179-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01095-1, EPS15 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84179-1-PBS. Detection antibody: 84179-4-PBS. Standard: Ag35282. Range: 0.625-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 84179-1-PBS against Human EPS15 was performed. The affinity constant is 3.07 nM.



Bi-layer interferometry (BLI) kinetic assays of 84179-1-RR against Human EPS15 were performed. The affinity constant is 2.72 nM.