

For Research Use Only

# PLXNC1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86406-2-PBS



## Basic Information

<b>Catalog Number:</b> 86406-2-PBS	<b>GenBank Accession Number:</b> NM_005761.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10154	<b>CloneNo.:</b> 250374D2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60486	
<b>Isotype:</b> IgG	<b>Full Name:</b> plexin C1	
<b>Immunogen Catalog Number:</b> EG2721	<b>Calculated MW:</b> 176 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

86406-2-PBS targets PLXNC1 as part of a matched antibody pair:

MP02634-1: 86406-3-PBS capture and 86406-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

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

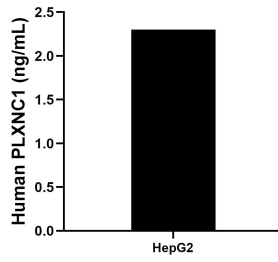
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

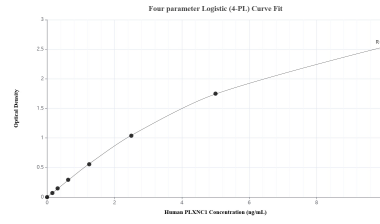
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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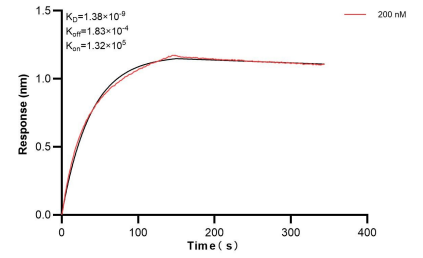
## Selected Validation Data



The mean PLXNC1 concentration was determined to be 2.30 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP02634-1, Human PLXNC1 Recombinant Matched Antibody Pair - PBS only. 86406-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2721. 86406-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 86406-2-PBS against Human PLXNC1 was performed. The affinity constant is 1.38 nM.