

For Research Use Only

# ACVR1B Recombinant antibody, PBS Only (Detector)

Catalog Number:83026-7-PBS



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>83026-7-PBS                       | <b>GenBank Accession Number:</b><br>BC000254     | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>91                      | <b>CloneNo.:</b><br>230260D10                         |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P36896                     |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>activin A receptor, type IB |   |
| <b>Immunogen Catalog Number:</b><br>AG0129                  | <b>Calculated MW:</b><br>57 kDa                  |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

83026-7-PBS targets ACVR1B as part of a matched antibody pair:

MP00098-4: 83026-4-PBS capture and 83026-7-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

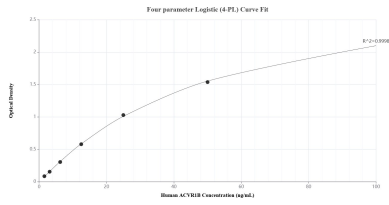
For technical support and original validation data for this product please contact:

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

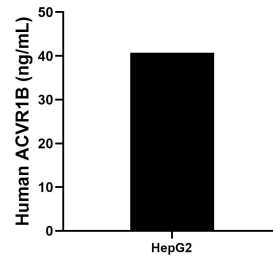
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Sandwich ELISA standard curve of MP00098-4, Human ACVR1B Recombinant Matched Antibody Pair - PBS only. 83026-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0129. 83026-7-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean ACVR1B concentration was determined to be 40.70 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load.