

For Research Use Only

# GABRA4 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83030-1-PBS

## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>83030-1-PBS                      | <b>GenBank Accession Number:</b><br>BC035055                            | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>2557   | <b>CloneNo.:</b><br>230302C6                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>P48169  |   |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>gamma-aminobutyric acid (GABA) A receptor, alpha 4 |   |
| <b>Immunogen Catalog Number:</b><br>AG3600                 | <b>Calculated MW:</b><br>554 aa, 62 kDa                                 |   |

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

83030-1-PBS targets GABRA4 as part of a matched antibody pair:

MP00115-1: 83030-2-PBS capture and 83030-1-PBS detection (validated in Cytometric bead array)

MP00115-3: 83030-3-PBS capture and 83030-1-PBS detection (validated in Cytometric bead array)

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:**  
100% PBS pH 7.3

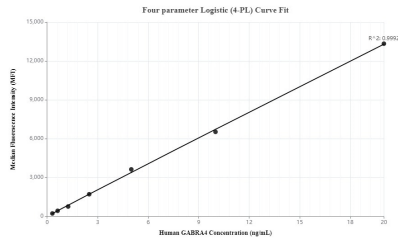
For technical support and original validation data for this product please contact:

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

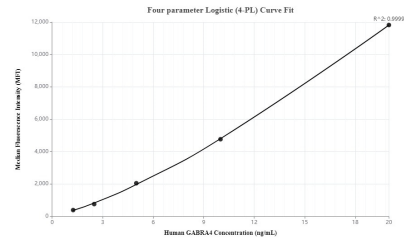
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00115-1, GABRA4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83030-2-PBS. Detection antibody: 83030-1-PBS. Standard: Ag3600. Range: 0.313-20 ng/mL



Cytometric bead array standard curve of MP00115-3, GABRA4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83030-3-PBS. Detection antibody: 83030-1-PBS. Standard: Ag3600. Range: 1.25-20 ng/mL