

For Research Use Only

Beta Arrestin 2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 82780-4-PBS



Basic Information

Catalog Number:

82780-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0227

GenBank Accession Number:

BC007427

GeneID (NCBI):

409

UNIPROT ID:

P32121

Full Name:

arrestin, beta 2

Calculated MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

241470C1

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

human

Background Information

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, pH7.3

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

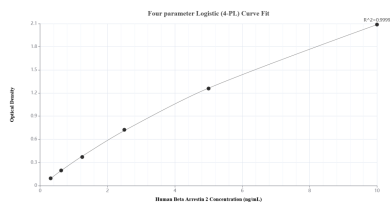
T: 4006900926

E: Proteintech-CN@ptglab.com

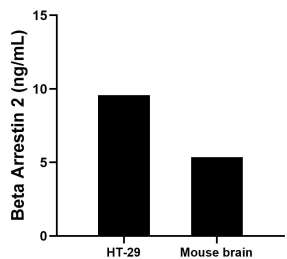
W: ptgcn.com

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

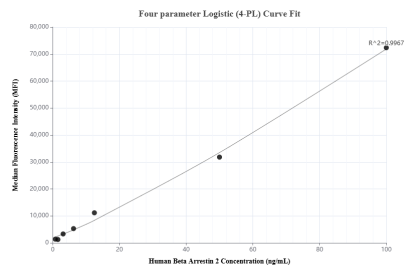
Selected Validation Data



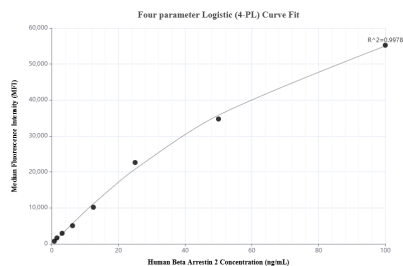
Sandwich ELISA standard curve of MP01125-4, Human Beta Arrestin 2 Recombinant Matched Antibody Pair - PBS only. 82780-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0227. 82780-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL



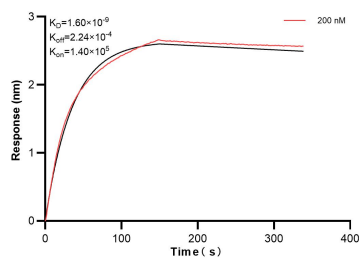
The mean Beta Arrestin 2 concentration was determined to be 9.58 ng/mL in HT-29 cell extract based on a 1.30 mg/mL extract load and 5.35 ng/mL in mouse brain tissue extract based on a 2.00 mg/mL extract load.



Cytometric bead array standard curve of MP01125-1, Beta Arrestin 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82780-4-PBS. Detection antibody: 82780-3-PBS. Standard: Ag0227. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP01125-2, Beta Arrestin 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82780-4-PBS. Detection antibody: 82780-2-PBS. Standard: Ag0227. Range: 0.781-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 82780-4-PBS against Human Beta Arrestin 2 was performed. The affinity constant is 1.60 nM.