

For Research Use Only

EMR2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84608-2-PBS



Basic Information

Catalog Number:

84608-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_013447.3

GeneID (NCBI):

30817

UNIPROT ID:

Q9UHX3-1

Full Name:

egf-like module containing, mucin-like, hormone receptor-like 2

Calculated MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

242042B11

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

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

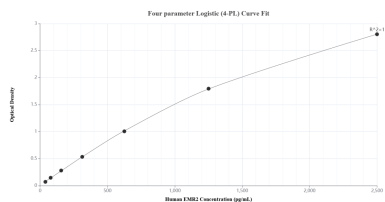
T: 4006900926

E: Proteintech-CN@ptglab.com

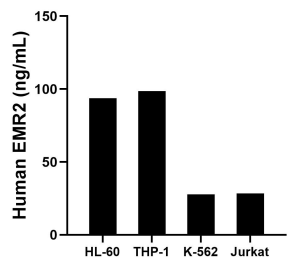
W: ptgcn.com

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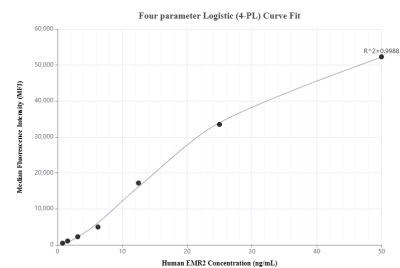
Selected Validation Data



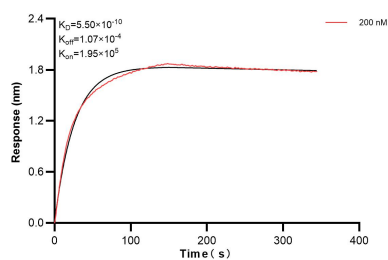
Sandwich ELISA standard curve of MP01442-3, Human EMR2 Recombinant Matched Antibody Pair - PBS only. 84608-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2479. 84608-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean EMR2 concentration was determined to be 93.8 ng/mL in HL-60 cell extract based on a 1.4 mg/mL extract load, 98.6 ng/mL in THP-1 cell extract based on a 4.4 mg/mL extract load, 27.8 ng/mL in K-562 cell extract based on a 2.4 mg/mL extract load and 28.5 ng/mL in Jurkat cell extract based on a 4.2 mg/mL extract load.



Cytometric bead array standard curve of MP01442-2, EMR2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84608-2-PBS. Detection antibody: 84608-3-PBS. Standard: Eg2479. Range: 0.781-50 ng/mL.



Bioluminescence resonance energy transfer (BLI) kinetic assay of 84608-2-PBS against Human EMR2 was performed. The affinity constant is 0.55 nM.