

For Research Use Only

EMR2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84608-2-PBS



Basic Information

Catalog Number: 84608-2-PBS	GenBank Accession Number: NM_013447.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 30817	CloneNo.: 242042B11
Source: Rabbit	UNIPROT ID: Q9UHX3-1	
Isotype: IgG	Full Name: egf-like module containing, mucin-like, hormone receptor-like 2	
	Calculated MW: 90 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84608-2-PBS targets EMR2 as part of a matched antibody pair:

MP01442-2: 84608-2-PBS capture and 84608-3-PBS detection (validated in Cytometric bead array)

MP01442-3: 84608-2-PBS capture and 84608-4-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

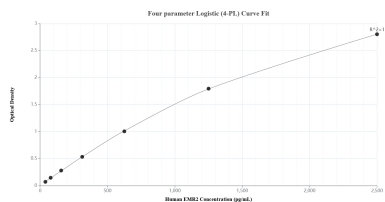
For technical support and original validation data for this product please contact:

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

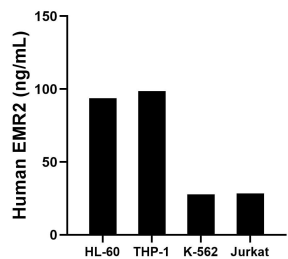
E: proteintech@ptglab.com
W: ptglab.com

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

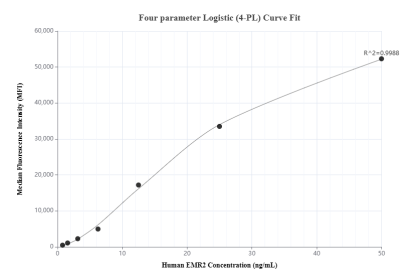
Selected Validation Data



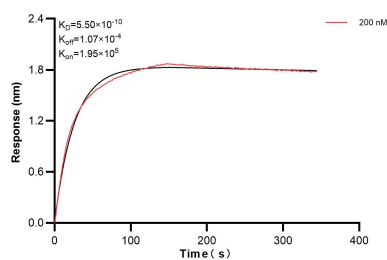
Sandwich ELISA standard curve of MP01442-3, Human EMR2 Recombinant Matched Antibody Pair - PBS only. 84608-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2479. 84608-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



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