

For Research Use Only

MET Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 82904-3-PBS



Basic Information

Catalog Number: 82904-3-PBS	GenBank Accession Number: BC130420	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4233	CloneNo.: 253142A9
Source: Rabbit	UNIPROT ID: P08581	
Isotype: IgG	Full Name: met proto-oncogene (hepatocyte growth factor receptor)	
Immunogen Catalog Number: EG0230	Calculated MW: 1390 aa, 155 kDa	

Applications

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

Species Specificity:
human

Product Information

82904-3-PBS targets MET as part of a matched antibody pair:

MP03178-1: 82904-3-PBS capture and 82904-2-PBS detection (validated in Cytometric bead array)

MP03178-2: 82904-3-PBS capture and 82904-5-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

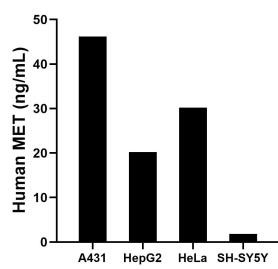
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

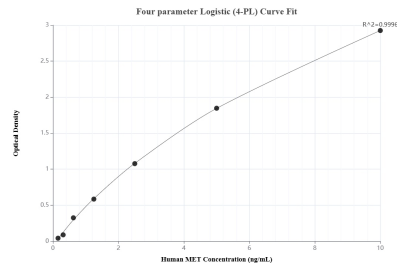
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

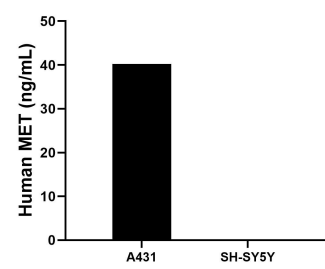
Selected Validation Data



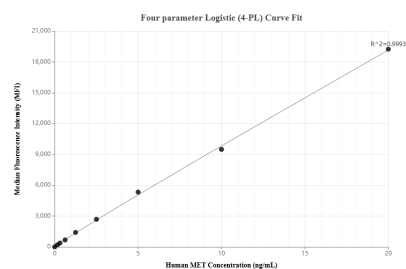
The mean MET concentration was determined to be 46.22 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 20.18 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 30.19 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 1.80 ng/mL in SH-SY5Y cell extract based on a 1.5 mg/mL extract load.



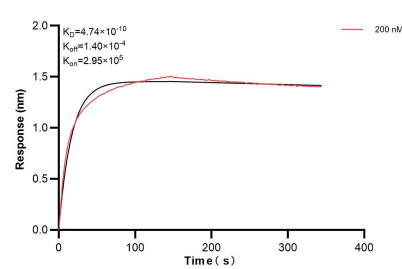
Sandwich ELISA standard curve of MP03178-2, Human MET Recombinant Matched Antibody Pair - PBS only. 82904-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0230. 82904-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean MET concentration was determined to be 40.2 ng/mL in A431 cell extract based on a 1.5 mg/mL extract load, SH-SY5Y cell extract were served as a negative control.



Cytometric bead array standard curve of MP03178-1, MET Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82904-3-PBS. Detection antibody: 82904-2-PBS. Standard:Eg0230. Range: 0.156-20 ng/mL



Biolayer interferometry (BLI) kinetic assay of 82904-3-PBS against Human MET was performed. The affinity constant is 0.474 nM.