

For Research Use Only

Mouse E-Cadherin Recombinant antibody, PBS Only (Capture)

Catalog Number: 84111-1-PBS



Basic Information

Catalog Number: 84111-1-PBS	GenBank Accession Number: NM_009864.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12550	CloneNo.: 241282A5
Source: Rabbit	UNIPROT ID: P09803	
Isotype: IgG	Full Name: cadherin 1	
	Calculated MW: 98kDa	

Applications

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

Species Specificity:
mouse

Product Information

84111-1-PBS targets E-Cadherin as part of a matched antibody pair:

MP01047-2: 84111-1-PBS capture and 84111-2-PBS detection (validated in Cytometric bead array, 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

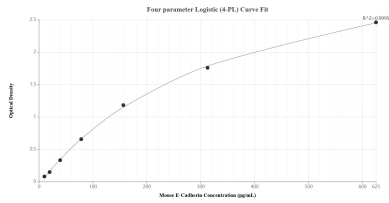
For technical support and original validation data for this product please contact:

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

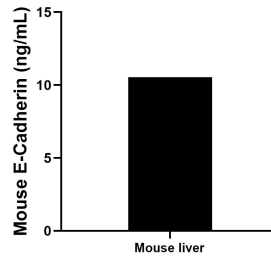
E: proteintech@ptglab.com
W: ptglab.com

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

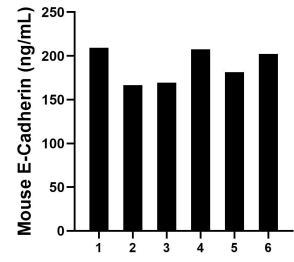
Selected Validation Data



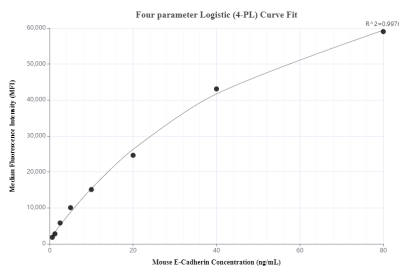
Sandwich ELISA standard curve of MP01047-2, Mouse E-Cadherin Recombinant Matched Antibody Pair - PBS only. 84111-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0975. 84111-2-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



The mean E-Cadherin concentration was determined to be 10.6 ng/mL in mouse liver cell extract based on a 5.0 mg/mL extract load.



Serum of six mice was measured. The E-Cadherin concentration of detected samples was determined to be 189.4 ng/mL with a range of 166.7-209.1 ng/mL.



Cytometric bead array standard curve of MP01047-2, MOUSE E-Cadherin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84111-1-PBS. Detection antibody: 84111-2-PBS. Standard: Eg0975. Range: 0.625-80 ng/mL