For Research Use Only

E-cadherin Recombinant antibody, PBS Only (Capture)

Catalog Number:83991-6-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83991-6-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_004360.5

GeneID (NCBI):
999

UNIPROT ID:
P12830-1

Full Name:
cadherin 1, type 1, E-cadherin (epithelial)

Calculated MW:
97 kDa

Purification Method:
Protein A purification

CloneNo.:
241098D7

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83991-6-PBS targets E-cadherin as part of a matched antibody pair:

MP00187-7: 83991-6-PBS capture and 83991-5-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.

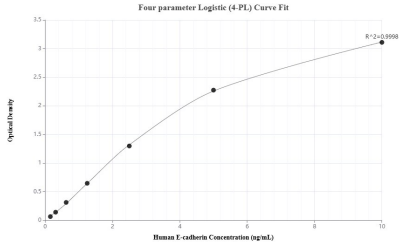
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

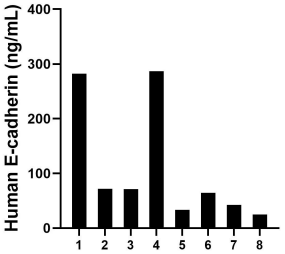
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

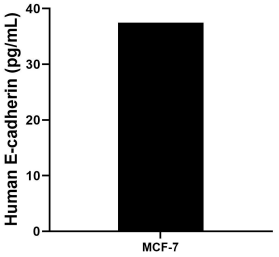
Selected Validation Data



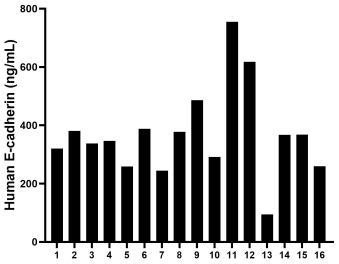
Sandwich ELISA standard curve of MP00187-7, Human E-cadherin Recombinant Matched Antibody Pair - PBS only. 83991-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1112. 83991-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Urine of eight individual healthy human donors was measured. The human E-cadherin concentration of detected samples was determined to be 109.49 ng/mL with a range of 24.87 - 286.93 ng/mL.



MCF-7 human breast cancer cells (5 x 10^6 cells/mL) were cultured in DMEM and 10% fetal bovine serum, 4 mM L-glutamine, 4500 mg/L glucose, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human E-cadherin, and measured 37.5 pg/mL.



Serum of sixteen individual healthy human donors was measured. The human E-cadherin concentration of detected samples was determined to be 368.32 ng/mL with a range of 94.16 - 755.34 ng/mL.