For Research Use Only

Mouse Endoglin/CD105 Recombinant antibody, PBS Only (Detector)

Catalog Number:84807-3-PBS

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

Basic Information

Catalog Number:
84807-3-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_007932.2

GeneID (NCBI):
13805

UNIPROT ID:
Q63961

Full Name:
endoglin

Calculated MW:
70kDa

Purification Method:
Protein A purification

CloneNo.:
242305G10

Applications

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

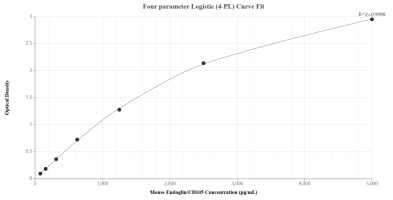
Species Specificity:
mouse

Background Information

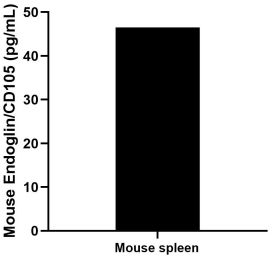
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

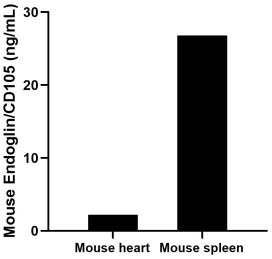
Selected Validation Data



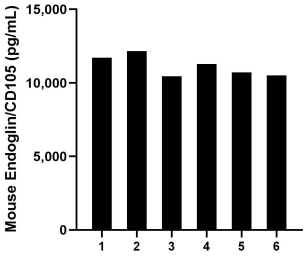
Sandwich ELISA standard curve of MP01582-2, Mouse Endoglin/CD105 Recombinant Matched Antibody Pair - PBS only. 84807-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1292. 84807-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



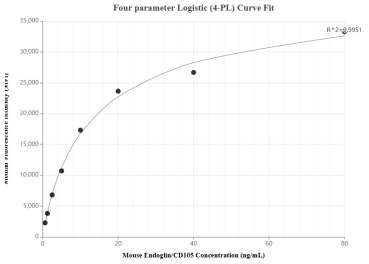
Mouse spleen cells (1/2 spleen; 1-2 mm pieces) were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse Endoglin/CD105, and measured 46.5 pg/mL.



The mean Endoglin/CD105 concentration was determined to be 2.2 ng/mL in mouse heart tissue homogenates based on a 1.4 mg/mL extract load and 26.8 ng/mL in mouse spleen tissue homogenates based on a 2.3 mg/mL extract load.



Serum of six mice was measured. The Endoglin/CD105 concentration of detected samples was determined to be 11,141.1 pg/mL with a range of 10,457.3 -12,164.8 pg/mL.



Cytometric bead array standard curve of MP01582-2, MOUSE Endoglin/CD105 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84807-2-PBS. Detection antibody: 84807-3-PBS. Standard: Eg1292. Range: 0.625-80 ng/mL.