For Research Use Only

SUMO1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87942-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
87942-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0414

GenBank Accession Number:
BC006462

GeneID (NCBI):
7341

UNIPROT ID:
P63165

Full Name:
SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)

Calculated MW:
12 kDa

Purification Method:
Protein A purification

CloneNo.:
253578D5

Applications

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

Species Specificity:
human

Product Information

87942-2-PBS targets SUMO1 as part of a matched antibody pair:

MP03279-1: 87942-3-PBS capture and 87942-2-PBS detection (validated in Cytometric bead array)

MP03279-2: 87942-4-PBS capture and 87942-2-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.

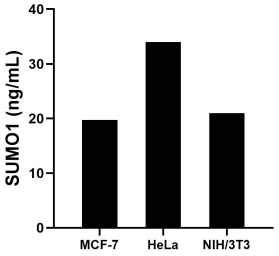
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

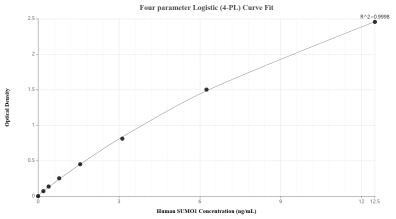
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

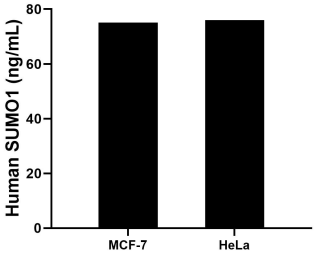
Selected Validation Data



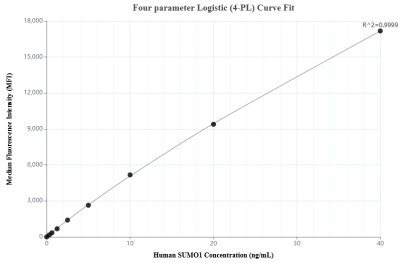
The mean SUMO1 concentration was determined to be 19.73 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load, 33.97 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 21.00 ng/mL in NIH/3T3 cell extract based on a 1.50 mg/mL extract load.



Sandwich ELISA standard curve of MP03279-2, Human SUMO1 Recombinant Matched Antibody Pair - PBS only. 87942-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0414. 87942-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean SUMO1 concentration was determined to be 75.1 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 76.0 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03279-1, SUMO1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87942-3-PBS. Detection antibody: 87942-2-PBS. Standard: Ag0414. Range: 0.312-40 ng/mL.