For Research Use Only

PSMC3IP Recombinant antibody, PBS Only (Detector)

Catalog Number:84934-1-PBS



Purification Method:

Protein A purification

CloneNo.:

242517C12

Basic Information

Catalog Number: GenBank Accession Number:

84934-1-PBS BC008792

Size: GeneID (NCBI):

100ug , Concentration: 1 mg/ml by 29893 Nanodrop:

Nanodrop; UNIPROT ID:
Source: Q9P2W1
Rabbit Full Name:

Isotype: PSMC3 interacting protein

IgG Calculated MW:

Immunogen Catalog Number: 25 kDa

AG1883 Observed MW:

24-29 kDa

Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

human, mouse

Product Information

84934-1-PBS targets PSMC3IP as part of a matched antibody pair:

MP01685-1: 84934-3-PBS capture and 84934-1-PBS detection (validated in Cytometric bead array)

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.

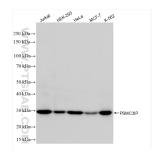
Background Information

PSMC3IP, also called HOP2, encodes a protein that functions in meiotic recombination. It is a subunit of the PSMC3IP/MND1 complex, which interacts with PSMC3/TBP1 to stimulate DMC1- and RAD51-mediated strand exchange during meiosis. The protein encoded by this gene can also co-activate ligand-driven transcription mediated by estrogen, androgen, glucocorticoid, progesterone, and thyroid nuclear receptors. Mutations in this gene cause XX female gonadal dysgenesis.

Storage

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

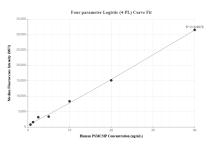
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84934-1-RR (PSMC3IP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84934-1-PBS in a different storage buffer formulation.



Mouse testis tissue was subjected to SDS PAGE followed by western blot with 84934-1-RR (PSMC3IP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84934-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01685-1, PSMC 31P Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84934-3-PBS. Detection antibody: 84934-1-PBS. Standard: Ag1883. Range: 0.625-40 ng/mL