

For Research Use Only

SMAD3 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02853-1

Capture Antibody Information

Catalog Number:
87035-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251981D10

Reactivity:
human

GenBank:
NM_005902

Immunogen Catalog Number:
Ag32623

Conjugate:
Unconjugated

Full name:
SMAD family member 3

Gene ID:
4088

Detection Antibody Information

Catalog Number:
87035-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251981D1

Reactivity:
human

GenBank:
NM_005902

Immunogen Catalog Number:
Ag32623

Conjugate:
Unconjugated

Full name:
SMAD family member 3

Gene ID:
4088

Applications

Tested Applications:
Cytometric bead array

Range:
0.312-20 ng/mL (Cytometric Bead Array)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02853-1 targets SMAD3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: SMAD3 Recombinant monoclonal antibody, PBS Only (Capture) 87035-3-PBS (251981D10). 100 μ g. Concentration 1 mg/mL.

Detection antibody: SMAD3 Recombinant monoclonal antibody, PBS Only (Detector) 87035-2-PBS (251981D1). 100 μ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

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

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

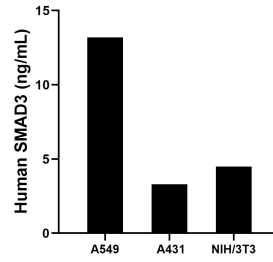
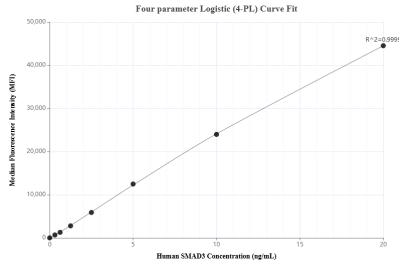
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP02853-1, SMAD3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87035-3-PBS. Detection antibody: 87035-2-PBS. Standard: Ag32623. Range: 0.312-20 ng/mL

The mean SMAD3 concentration was determined to be 13.2 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 3.3 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 4.5 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.