

NSMCE2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP01897-2

Capture Antibody Information

Catalog Number: 85188-4-PBS	Clone ID: 242862D8	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: non-SMC element 2, MMS21 homolog (S. cerevisiae)
Isotype: IgG	GenBank: BC032797	Gene ID: 286053
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4545	

Detection Antibody Information

Catalog Number: 85188-5-PBS	Clone ID: 242862A3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: non-SMC element 2, MMS21 homolog (S. cerevisiae)
Isotype: IgG	GenBank: BC032797	Gene ID: 286053
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4545	

Applications

Tested Applications: Sandwich ELISA	Range: 0.156-10 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP01897-2 targets NSMCE2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NSMCE2 Recombinant antibody, PBS Only (Capture) 85188-4-PBS (242862D8). 100 µg. Concentration 1 mg/mL.

Detection antibody: NSMCE2 Recombinant antibody, PBS Only (Detector) 85188-5-PBS (242862A3). 100 µg. 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.

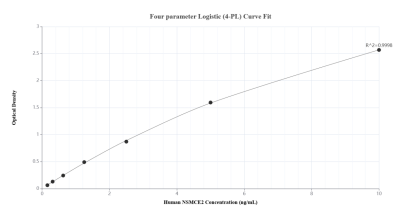
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

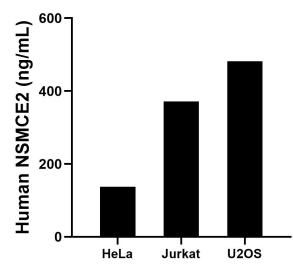
Storage

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

Selected Validation Data



Sandwich ELISA standard curve of MP01897-2, Human NSMCE2 Recombinant Matched Antibody Pair - PBS only. 85188-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4545. 85188-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean NSMCE2 concentration was determined to be 137.24 ng/mL in HeLa cell extract based on a 1.50 mg/mL extract load, 371.47 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load and 481.66 ng/mL in U2OS cell extract based on a 3.50 mg/mL extract load.