

NFATC2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03256-2**

Capture Antibody Information

Catalog Number:
87895-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253473B2
Reactivity:
human
GenBank:
BC136418
Immunogen Catalog Number:
Ag16849

Conjugate:
Unconjugated
Full name:
nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
Gene ID:
4773

Detection Antibody Information

Catalog Number:
87895-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253473D10
Reactivity:
human
GenBank:
BC136418
Immunogen Catalog Number:
Ag16849

Conjugate:
Unconjugated
Full name:
nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
Gene ID:
4773

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

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

Product Information

MP03256-2 targets NFATC2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NFATC2 Recombinant monoclonal antibody, PBS Only (Capture) 87895-3-PBS (253473B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NFATC2 Recombinant monoclonal antibody, PBS Only (Detector) 87895-4-PBS (253473D10). 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.

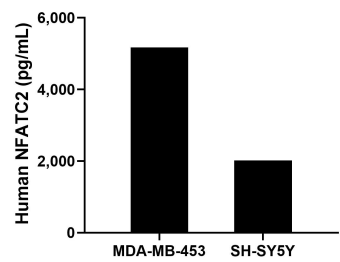
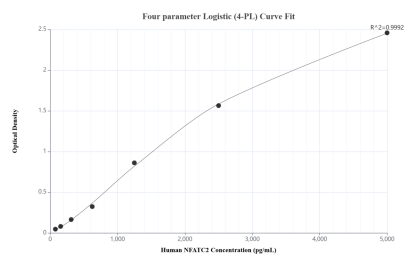
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP03256-2, Human NFATC2 Recombinant Matched Antibody Pair - PBS only. 87895-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16849. 87895-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.

The mean NFATC2 concentration was determined to be 5,167.3 pg/mL in MDA-MB-453 cell extract based on a 1.2 mg/mL extract load and 2,012.9 pg/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.