

# 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  
**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.  
**Storage buffer:**  
PBS only

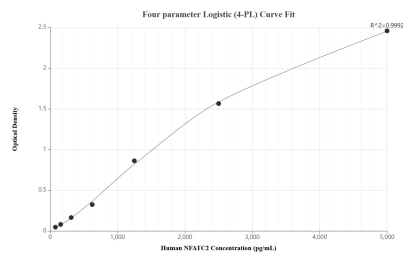
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

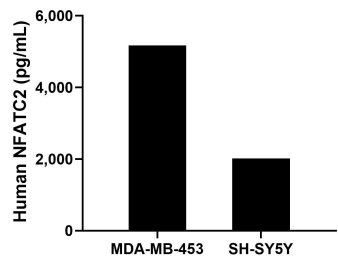
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## 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.