

BTN3A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03458-1**

Capture Antibody Information

Catalog Number: 84688-4-PBS	Clone ID: 260288D9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: butyrophilin, subfamily 3, member A1
Isotype: IgG	GenBank: BC121800	Gene ID: 11119
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1916	

Detection Antibody Information

Catalog Number: 84688-3-PBS	Clone ID: 260287C9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: butyrophilin, subfamily 3, member A1
Isotype: IgG	GenBank: BC121800	Gene ID: 11119
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1916	

Applications

Tested Applications: Sandwich ELISA	Range: 39.1-2500 pg/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

MP03458-1 targets BTN3A1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BTN3A1 Recombinant monoclonal antibody, PBS Only (Capture) 84688-4-PBS (260288D9). 100 µg. Concentration 1 mg/mL.

Detection antibody: BTN3A1 Recombinant monoclonal antibody, PBS Only (Detector) 84688-3-PBS (260287C9). 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.

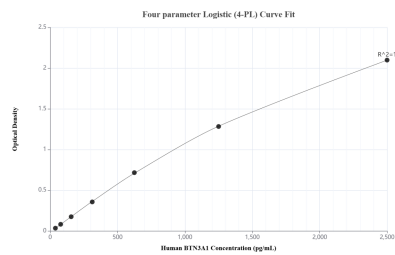
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

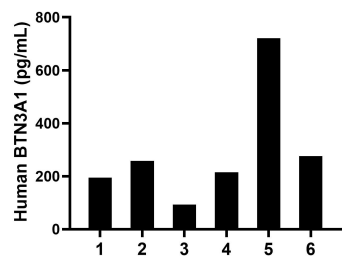
Storage

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

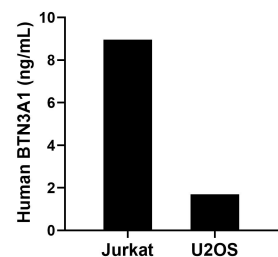
Selected Validation Data



Sandwich ELISA standard curve of MP03458-1, Human BTN3A1 Recombinant Matched Antibody Pair - PBS only. 84688-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1916. 84688-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Plasma of six individual healthy human donors was measured. The BTN3A1 concentration of detected samples was determined to be 292.8 pg/mL with a range of 92.7-720.5 pg/mL



The mean BTN3A1 concentration was determined to be 9.0 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load and 1.7 ng/mL in U2OS cell extract based on a 1.2 mg/mL extract load.