

BTN3A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03458-1**

Capture Antibody Information

Catalog Number:
84688-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260288D9

Reactivity:
human

Immunogen Catalog Number:
Eg1916

Conjugate:
Unconjugated

Full name:
butyrophilin, subfamily 3, member A1

Gene ID:
11119

Detection Antibody Information

Catalog Number:
84688-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260287C9

Reactivity:
human

GenBank:
BC121800

Immunogen Catalog Number:
Eg1916

Conjugate:
Unconjugated

Full name:
butyrophilin, subfamily 3, member A1

Gene ID:
11119

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.

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.
Storage buffer:
PBS only

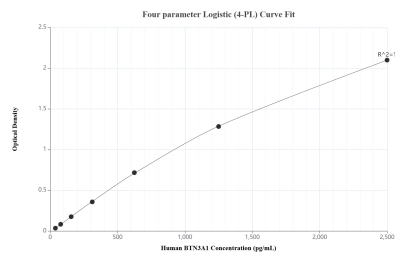
For technical support and original validation data for this product please contact:

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

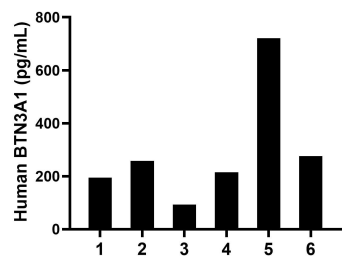
E: proteintech@ptglab.com
W: ptglab.com

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

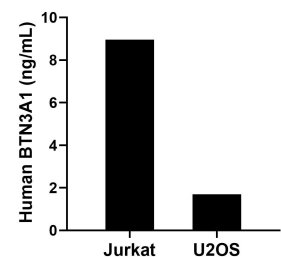
Selected Validation Data



Sandwich ELISA standard curve of 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.