

For Research Use Only

BTN3A1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 84688-4-PBS



Basic Information

Catalog Number: 84688-4-PBS	GenBank Accession Number: BC121800	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11119	CloneNo.: 260288D9
Source: Rabbit	UNIPROT ID: O00481	
Isotype: IgG	Full Name: butyrophilin, subfamily 3, member A1	
Immunogen Catalog Number: EG1916	Calculated MW: 513 aa, 58 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

84688-4-PBS targets BTN3A1 as part of a matched antibody pair:

MP03458-1: 84688-4-PBS capture and 84688-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

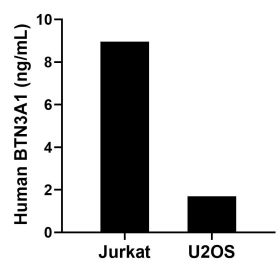
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

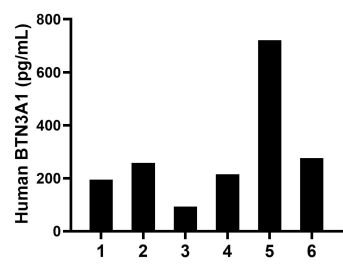
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

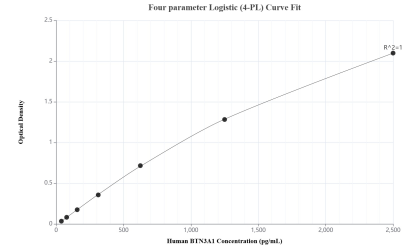
Selected Validation Data



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.



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.



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.