

Anti-BTN1A1 Antibody

Catalog # AP95707

Product Information

Application	WB, FC
Primary Accession	Q13410
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	58960

Additional Information

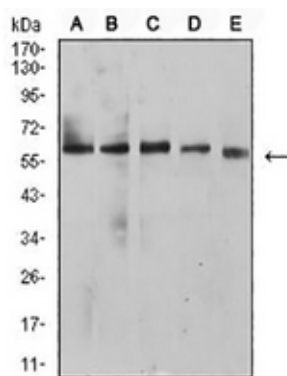
Gene ID	696
Other Names	BTN; Butyrophilin subfamily 1 member A1; BT
Target/Specificity	Recombinant fusion protein of human BTN1A1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

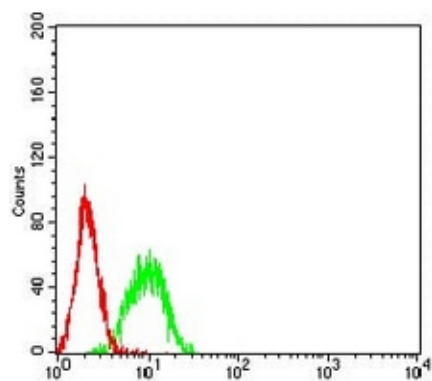
Name	BTN1A1
Synonyms	BTN
Function	May function in the secretion of milk-fat droplets. May act as a specific membrane-associated receptor for the association of cytoplasmic droplets with the apical plasma membrane (By similarity). Inhibits the proliferation of CD4 and CD8 T-cells activated by anti-CD3 antibodies, T-cell metabolism and IL2 and IFNG secretion (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein. Secreted

Images

Western blot analysis of BTN1A1 expression in HepG2 (A), MCF7 (B), SKBR3 (C), NIH/3T3 (D), C6 (E) whole cell lysates. (Predicted band size: 59 kD; Observed band size:



59 kD)



Flow cytometric analysis of K562 cells using Anti-BTN1A1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.