10320 Camino Santa Fe, Suite G
San Diego, CA 92121
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Anti-BTN1A1 Reference Antibody (ICT-01)

Recombinant Antibody
Catalog # APR10172

Specification

Anti-BTN1A1 Reference Antibody (ICT-01) - Product Information

Application	**FC, E, FTA**
Primary Accession	Q13410
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**146.2 KDa**

Anti-BTN1A1 Reference Antibody (ICT-01) - Additional Information

Target/Specificity
BTN1A1

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-BTN1A1 Reference Antibody (ICT-01) - 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

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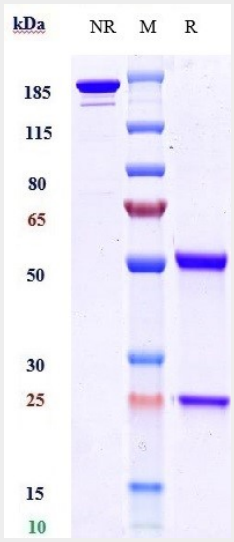
Anti-BTN1A1 Reference Antibody (ICT-01) - Protocols

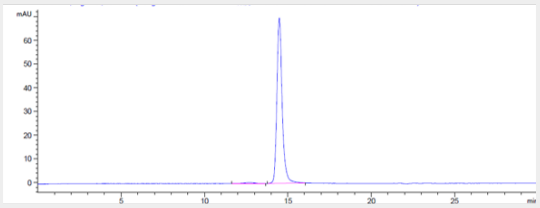
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-BTN1A1 Reference Antibody (ICT-01) - Images



Anti-BTN1A1 Reference Antibody (ICT-01) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-BTN1A1 Reference Antibody (ICT-01)is more than 98.38% ,determined by SEC-HPLC.

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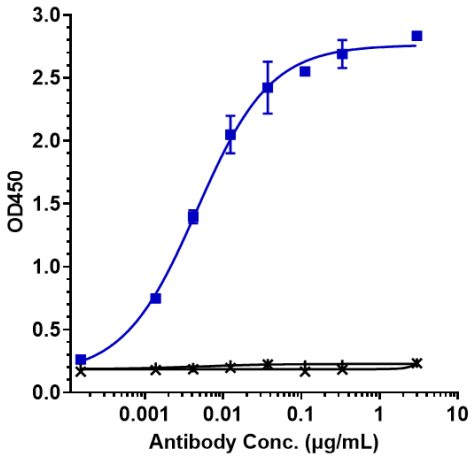
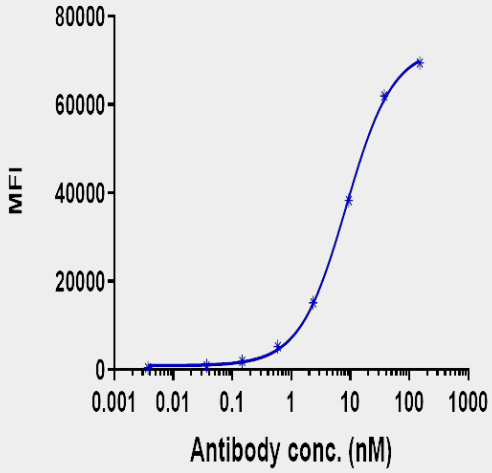


Immobilized human PVRIG His at 2 μg/mL can bind Anti-BTN1A1 Reference Antibody (ICT-01)，EC50=0.004604 μg/mL



Human BTN3 HEK293 cells were stained with Anti-BTN1A1 Reference Antibody (ICT-01) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC229=8.4730 nM