

# Anti-BTN1A1 Reference Antibody (ICT-01)

Recombinant Antibody  
Catalog # APR10172

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">Q13410</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	58960

## Additional Information

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<b>Target/Specificity</b>	BTN1A1
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

## Protein Information

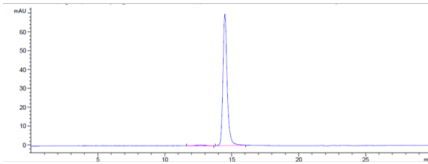
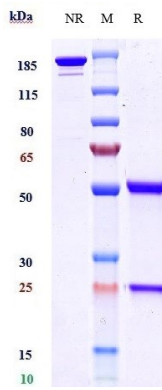
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<b>Name</b>	BTN1A1
<b>Synonyms</b>	BTN
<b>Function</b>	May function in the secretion of milk-fat droplets. May act as a specific membrane-associated receptor for the association of cytoplasmic droplets with the apical plasma membrane (By similarity).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

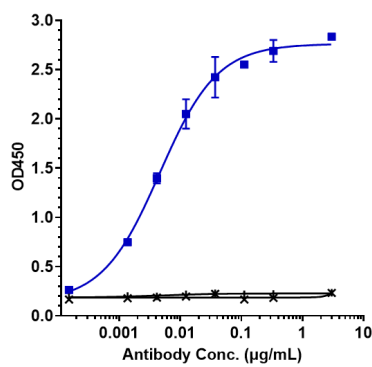
## Images

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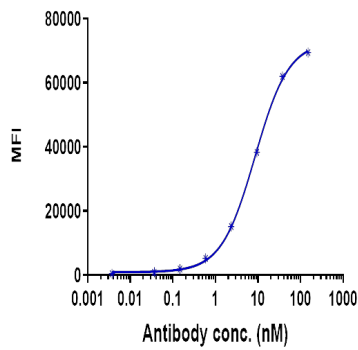
Anti-BTN1A1 Reference Antibody (ICT-01) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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



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

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