

Anti-BTN1A1 Reference Antibody (CTX-2026)
Recombinant Antibody
Catalog # APR10173**Specification**

Anti-BTN1A1 Reference Antibody (CTX-2026) - Product Information

Application	FC, E, FTA
Primary Accession	Q13410
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.54 KDa

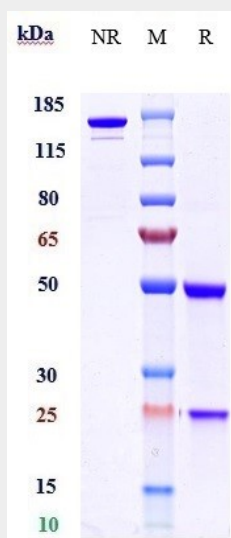
Anti-BTN1A1 Reference Antibody (CTX-2026) - Additional Information**Target/Specificity**
BTN1A1**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-BTN1A1 Reference Antibody (CTX-2026) - 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

Anti-BTN1A1 Reference Antibody (CTX-2026) - Protocols

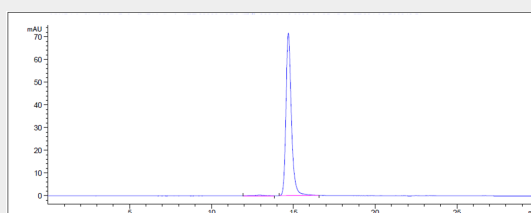
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

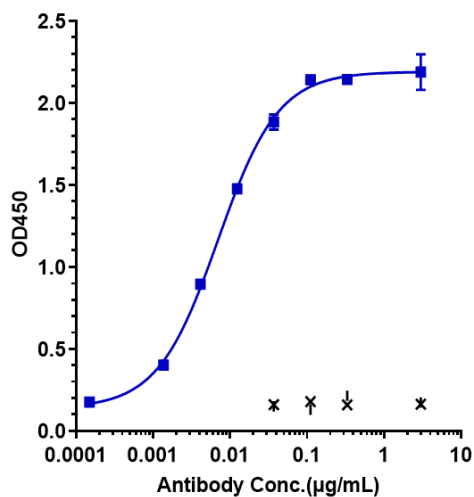
Anti-BTN1A1 Reference Antibody (CTX-2026) - Images



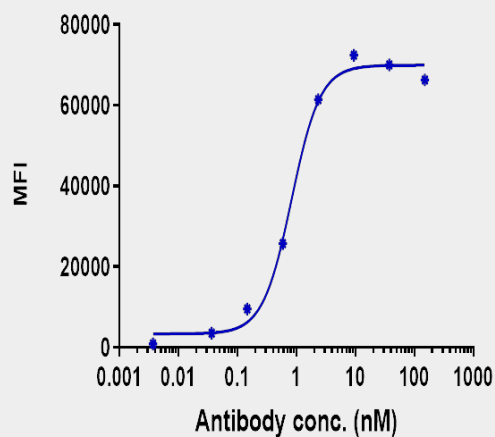
Anti-BTN1A1 Reference Antibody (CTX-2026) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-BTN1A1 Reference Antibody (CTX-2026) is more than 98.77% ,determined by SEC-HPLC.



Immobilized human PVRIG His at 2 µg/mL can bind Anti-BTN1A1 Reference Antibody (CTX-2026) $EC_{50}=0.002394$ µg/mL



Human BTN3 HEK293 cells were stained with Anti-BTN1A1 Reference Antibody (CTX-2026) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{230}=0.8254$ nM