

## anti- BTN1A1 antibody

### Product Information

Catalog No.:	FNab09786
Size:	100 $\mu$ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	$\geq$ 95% as determined by SDS-PAGE
Host:	Rabbit
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

### Background

BTN1A1, also named as Butyrophilin subfamily 1 member A1, is a 526 amino acid protein, which contains 1 B30.2/SPRY domain and belongs to the immunoglobulin superfamily. BTN/MOG family. BTN1A1 localizes in the integral component of plasma membrane. BTN1A1 may function in the secretion of milk-fat droplets and may act as a specific membrane-associated receptor for the association of cytoplasmic droplets with the apical plasma membrane. BTN1A1 Inhibits the proliferation of CD4 and CD8 T-cells activated by anti-CD3 antibodies, T-cell metabolism and IL2 and IFNG secretion. The calculated molecular weight of BTN1A1 is a 59 kDa, but the modified BTN1A1 protein is about 65-75 kDa.

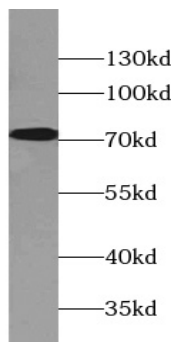
### Immunogen information

Immunogen:	butyrophilin, subfamily 1, member A1
Synonyms:	BT, BTN, BTN1A1
Calculated MW:	73kd
Uniprot ID :	Q13410

### Application

Specificity:	human; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB
Recommended dilution:	WB : 1:500-1:5000

Image:



Caco-2 cells were subjected to SDS PAGE followed by western blot with FNab09786( BTN1A1 Antibody) at dilution of 1:2000