



# Anti-BTN1A1 monoclonal antibody, clone 5I3 (DCABH-630)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to BTN1A1
<b>Antigen Description</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.
<b>Immunogen</b>	Recombinant full length Human BTN1A1 (NP_001723) produced in HEK293T cells.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5I3
<b>Purification</b>	This antibody was purified from Mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Positive Control</b>	WB: HEK293T cell lysate transfected with pCMV6-ENTRY BTN1A1 cDNA ICC/IF: COS7 cells transiently transfected with pCMV6-ENTRY BTN1A1
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">BTN1A1 butyrophilin, subfamily 1, member A1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	BTN1A1
<b>Synonyms</b>	BTN1A1; butyrophilin, subfamily 1, member A1; BTN; butyrophilin subfamily 1 member A1; BT; bK14H9.2 (butyrophilin, subfamily 1, member A1);
<b>Entrez Gene ID</b>	<a href="#">696</a>
<b>Protein Refseq</b>	<a href="#">NP_001723</a>
<b>UniProt ID</b>	<a href="#">Q13410</a>
<b>Chromosome Location</b>	6p22.1
<b>Function</b>	receptor activity;