

Datasheet for ABIN7092893  
**anti-BTN3A1 antibody (AA 30-254)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	BTN3A1
Binding Specificity:	AA 30-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BTN3A1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Recombinant human BTN3A1 (Glu30-Gly254) (ABIN6961119) produced by using human HEK293 cells
Clone:	DM92
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

## Target Details

Target:	BTN3A1
Alternative Name:	BTN3A1 ( <a href="#">BTN3A1 Products</a> )
Background:	Synonyms:BTN3A1, BTF5, CD277, BTN3.1, BT3.1

## Target Details

Description: The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1

Molecular Weight: 57.6kDa

Gene ID: 11119

UniProt: [O00481](#)

Pathways: [Activated T Cell Proliferation](#)

## Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

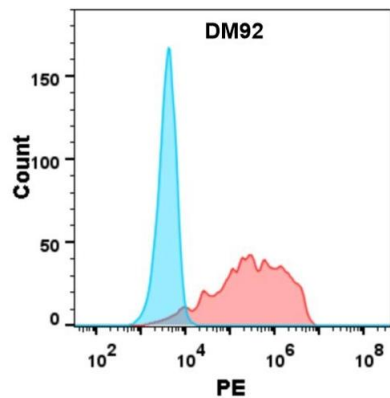
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

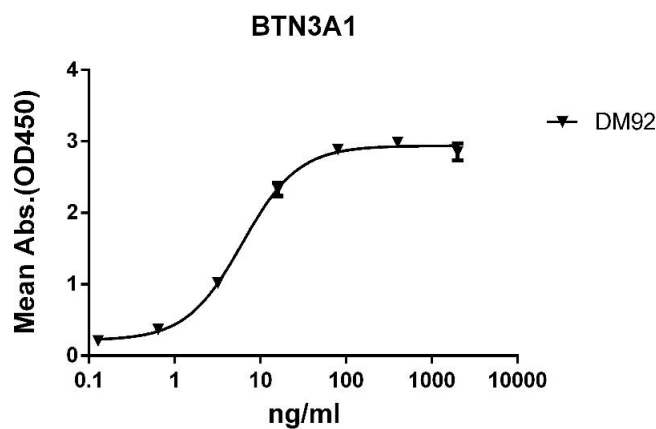
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

**Image 1.** Flow cytometry analysis with Anti-BTN3A1 (DM92) on Expi293 cells transfected with human BTN3A1 (Red histogram) or Expi293 transfected with irrelevant protein (Blue histogram).



ELISA

**Image 2.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human BTN3A1 protein, mFc-His tagged protein ((ABIN6961119, ABIN7042267 and ABIN7042268)) can bind Rabbit anti-BTN3A1 monoclonal antibody(clone: DM92) in a linear range of 0.64-80 ng/mL.