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12-9268: Anti-BTN3A1 antibody(DM94), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM94
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	BTN3A-1, BTF5, CD277, BTN3.1, BT3.1

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; MIM 613590) and BTN3 (e.g., BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

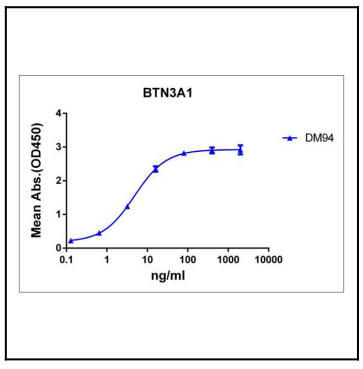


Figure 1. ELISA plate pre-coated by 2 Î¼g/ml (100 Î¼l/well) Human BTN3A1 protein, mFc-His tagged protein can bind Rabbit anti-BTN3A1 monoclonal antibody (clone: DM94) in a linear range of 0.64-80 ng/ml.

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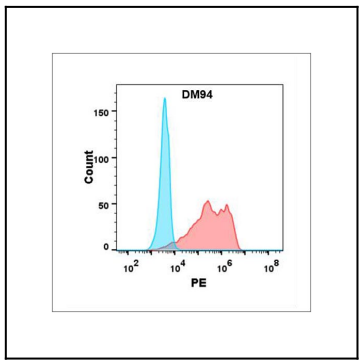


Figure 2. Flow cytometry analysis with Anti-BTN3A1 (DM94) on Expi293 cells transfected with human BTN3A1 (Red histogram) or Expi293 transfected with irrelevant protein (Blue histogram).

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