

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## BTN3A1 (DM94) RABBIT MAB

Cat.#: 28430

**Product Name:** Anti-BTN3A1(DM94) Rabbit Monoclonal Antibody **Synonyms:** BTN3A1; BTF5; CD277; BTN3.1; BT3.1

**Description:** Anti-BTN3A1 antibody(DM94) Rabbit Monoclonal Antibody

**Background:** 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 BTNIAI gene (MIM 601610) and the BTN2 (e.g.; BTN2AI; MIM 613590) and BTN3 (e.g.; BNT3AI) genes; which have undergone tandem duplication; resulting in 3 copies of each.

Applications: ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit IgG

**Purification:** Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human BTN3A1

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).



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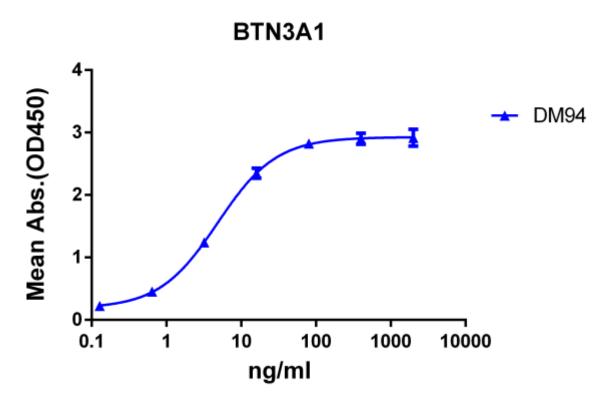


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BTN3A1 protein, mFc-His tagged protein 11180 can bind Rabbit anti-BTN3A1 monoclonal antibody ( clone: DM94) in a linear range of 0.64-80 ng/ml.