

BTN3A1 (DM92) RABBIT MAB**Cat.#:** 28426**Product Name:** Anti-BTN3A1(DM92) Rabbit Monoclonal Antibody**Synonyms:** BTN3A1; BTF5; CD277; BTN3.1; BT3.1**Description:** Anti-BTN3A1 antibody(DM92) 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 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.**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).

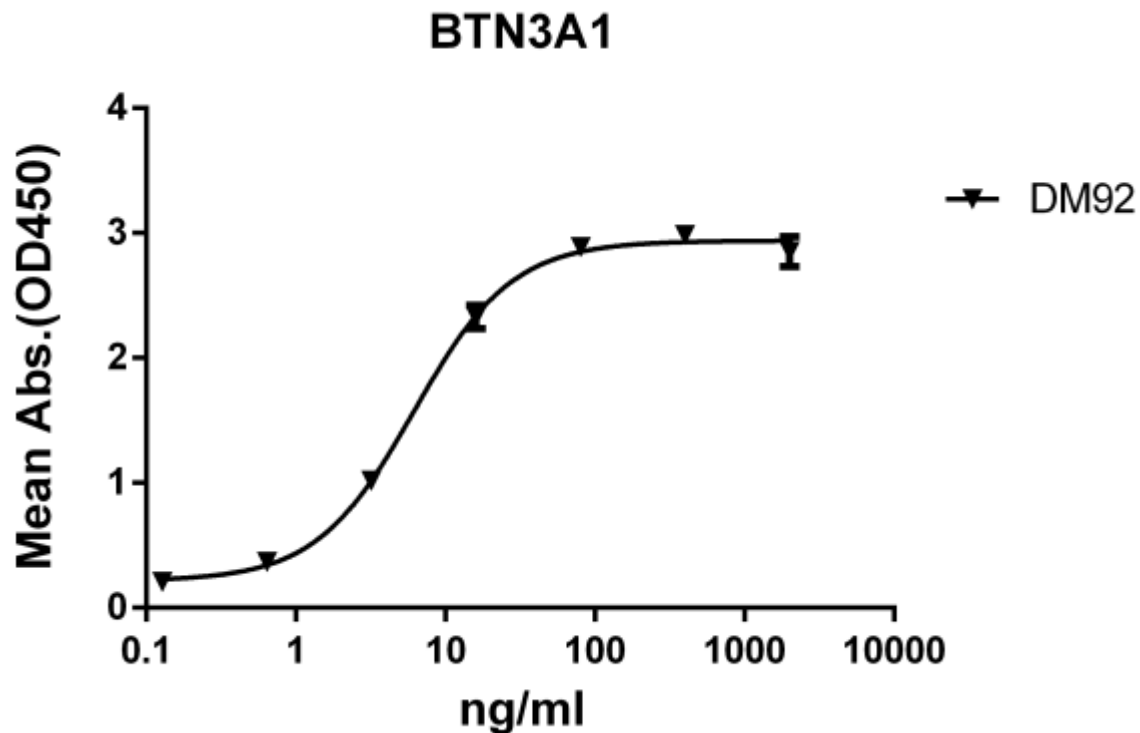


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human BTN3A1 protein, mFc-His tagged protein 11180 can bind Rabbit anti-BTN3A1 monoclonal antibody (clone: DM92) in a linear range of 0.64-80 ng/ml.