

Rabbit anti-Human BTN3A1 Monoclonal Antibody | anti-BTN3A1 antibody

Anti-BTN3A1 antibody (DM94), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47419	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA

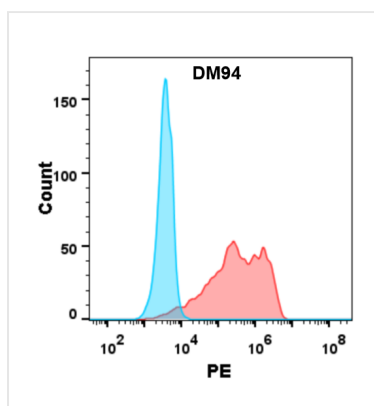
PRODUCT SYNONYMS

BTN3A1; Monoclonal Antibody; Anti-BTN3A1 antibody (DM94); Rabbit mAb; BTF5; CD277; BTN3.1; BT3.1; anti-BTN3A1 antibody

PRODUCT SPECIFICATIONS

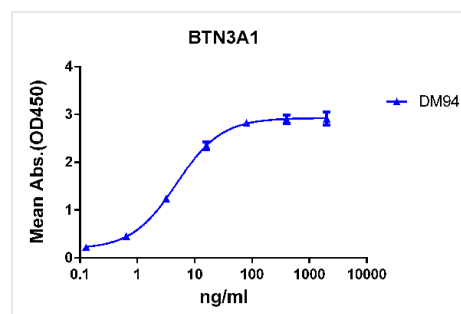
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM94
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300
Applicable Applications for anti-BTN3A1 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human BTN3A1 (Glu30-Gly254) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human BTN3A1 protein, mFc-His tagged protein PME100056 can bind Rabbit anti-BTN3A1 monoclonal antibody (clone: DM94) in a linear range of 0.64-80 ng/ml.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human BTN3A1 protein, mFc-His tagged protein PME100056 can bind Rabbit anti-BTN3A1 monoclonal antibody (clone: DM94) in a linear range of 0.64-80 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-BTN3A1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117949374
NCBI GeneID	11119
UniProt Accession #	O00481; Q0P515; Q147X5; Q53F15; Q99420; Q9HCY1; A2A278; A8K2C8; B4DIQ1; B4DRM2; E9PGB4; E9PHG8
Molecular Weight	52,019 Da
NCBI Official Full Name	Butyrophilin subfamily 3 member A1
NCBI Official Synonym Full Names	butyrophilin subfamily 3 member A1
NCBI Official Symbol	BTN3A1
NCBI Official Synonym Symbols	BTF5; BT3.1; CD277; BTN3.1
NCBI Protein Information	butyrophilin subfamily 3 member A1
UniProt Protein Name	Butyrophilin subfamily 3 member A1
UniProt Gene Name	BTN3A1
UniProt Synonym Gene Names	BTF5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/btn3a1-antibody-clone-dm94-flow-cytometry-elisa/47419>