

Anti-BTN3A1 hIgG1 Antibody (mAb1)

Product information

GM-52838AB-10	10 µg
GM-52838AB-100	100 µg
GM-52838AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	mAb1
Source/Isotype	Monoclonal Human IgG1 /k
Application	Flow Cytometry
Specificity	Detects BTN3A1
Gene	BTN3A1
Other Names	BTF5; BT3.1; CD277; BTN3.1
Gene ID	11119
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 and the BTN2 (BTN2A1) and BTN3 (BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each.
Storage	Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

H_BTN3A1 HEK-293 Cell Line (Catalog # GM-C19701) was stained with Anti-BTN3A1 hIgG1 Antibody (mAb1) (Catalog # GM-52838AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

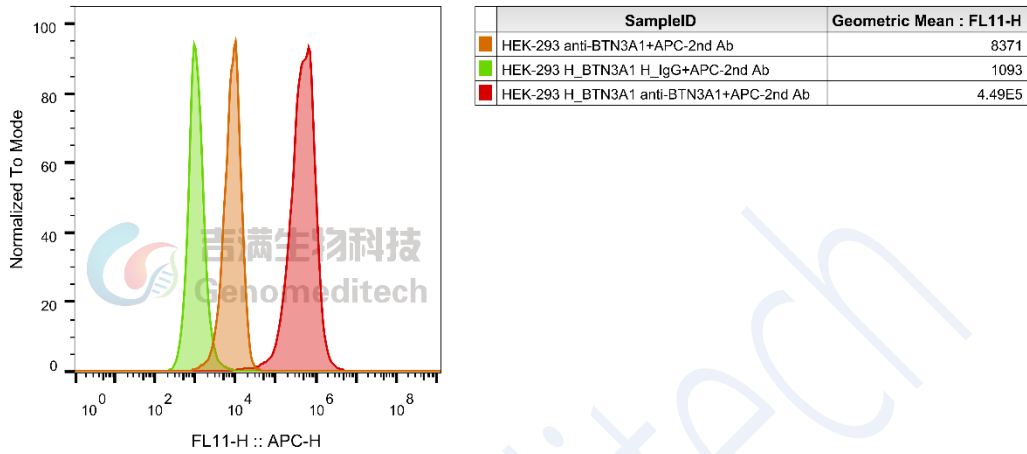


Fig 1. FACS