

Anti-BTN3A1 hIgG1 Antibody(mAb1)

Product information

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|-----------------|--------|
| 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.

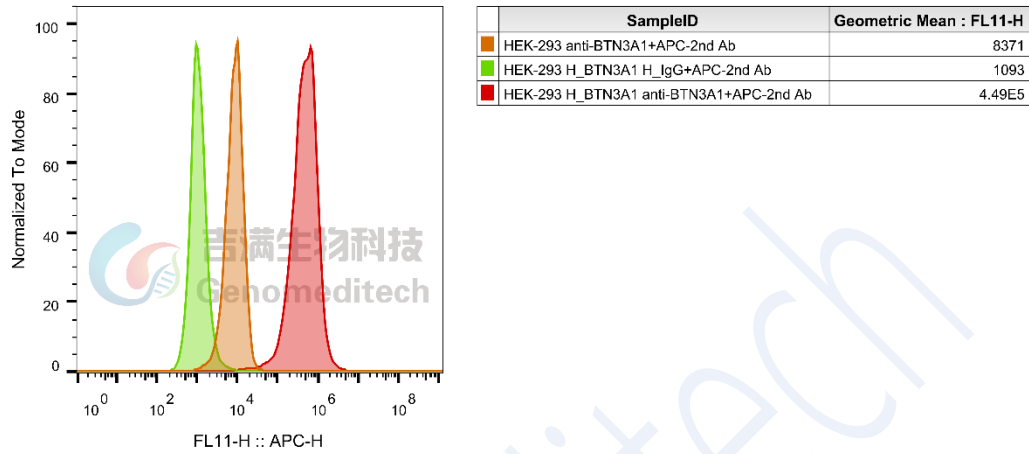


Fig 1. FACS