

Product datasheet for **TA320224**

BTN3A1 Mouse Monoclonal Antibody [Clone ID: eBioBT3.1 (20.1, BT3.1)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	eBioBT3.1 (20.1, BT3.1)
Applications:	FC
Recommended Dilution:	Flow, IP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	butyrophilin subfamily 3 member A1
Database Link:	NP_919423 Entrez Gene 11119 Human O00481

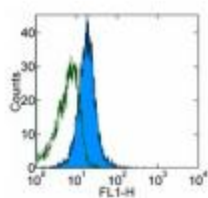
Background: The eBioBT3.1 monoclonal antibody recognizes BT3.1, BT3.2 and BT3.3. The BT family of proteins is a subgroup of the Ig superfamily (IgSF). BT is a glycoprotein that forms a major component of the milk fat globule molecule. In addition to BT, there are six other genes that have been discovered which have been sub-divided into the BT2 (BT2.1, BT2.2, and BT2.3) and BT3 (BT3.1, BT3.2, and BT3.3) families. BT3.1, BT3.2, and BT3.3 share 95% mRNA identity. BT3 molecules are constitutively expressed on the cell surface of antigen-presenting cells, and the IgV-like domain of BT3.1 is sufficient for interaction with its counter-receptor. BT3.1 is expressed by T cells, B cells and CD14+ cells.

Synonyms: BT3.1; BTF5; BTN3.1; CD277

Protein Families: Druggable Genome, Transmembrane



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Product images:

Staining of normal human peripheral blood cells with 0.5 ug of Mouse IgG1 kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Human CD277 Purified (filled histogram). Cells in the lymphocyte gate were used for analysis.