APC Mouse Anti-Human TIGIT

Purified APC-conjugated Recombinant Mouse Monoclonal Antibody

Catalog # F105615

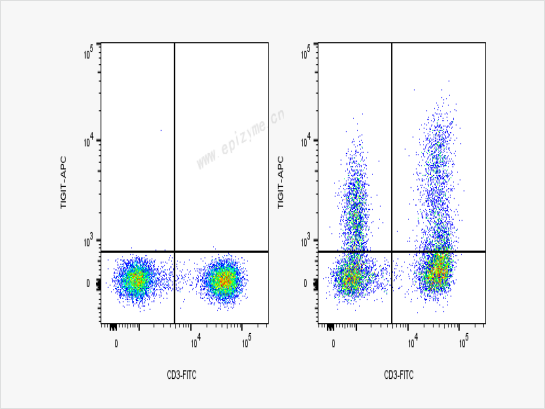
Product Information

Application	FC
Recommended Usage	5 μL per million cells in 100 μL staining volume or 5 μL per 100 μL of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	86S85J66
Isotype	IgG2a, κ
Label	APC (Ex/Em: 651/660 nm)
Immunogen	Recombinant protein of human TIGIT
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	APC Mouse Anti-Human TIGIT [86S85J66] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	VSIG9; VSTM3; TIGIT; T-cell immunoreceptor with Ig and ITIM domains; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3.
Uniprot ID	Q495A1
Gene ID	201633
Background	This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.[provided by RefSeq, Sep 2009]
Cellular Location	Cell membrane ; Single-pass type I membrane protein. Note: Clustered to the immunological synapse where it disrupts granule polarization and cytotoxicity of NK cells once engaged with PVR.
Tissue Location	Expressed at low levels on peripheral memory and regulatory CD4+ T-cells and NK cells and is up-regulated following activation of these cells (at protein level).

Validation Images



Typical flow-cytometry plots of human peripheral-blood leukocytes stained with anti-CD3-FITC (F100105) and anti-TIGIT-APC (F105615) (right) or with anti-CD3-FITC (F100105) alone as a control (left).