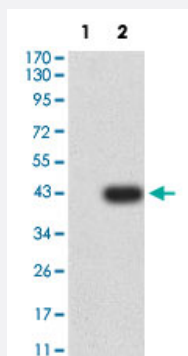


TIGIT monoclonal antibody, clone 4C5B9

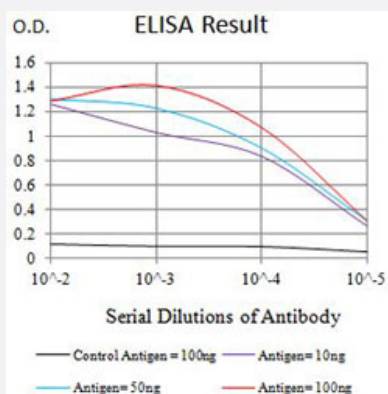
Catalog # MAB21338 Size 100 ug

Applications



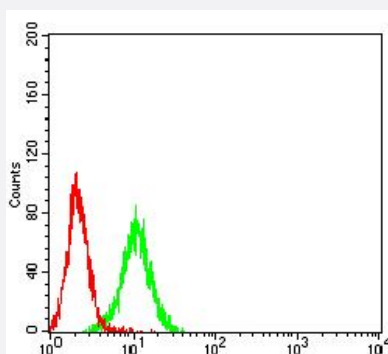
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: TIGIT-hlgGFc transfected HEK293 cell lysates with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338).



Flow Cytometry

Flow cytometric analysis of K562 cells with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human TIGIT.
Immunogen	Recombinant protein corresponding to amino acids 22-141 of human TIGIT.
Host	Mouse
Theoretical MW (kDa)	26.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: TIGIT-hlgGFc transfected HEK293 cell lysates with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338).

- Flow Cytometry

Flow cytometric analysis of K562 cells with TIGIT monoclonal antibody, clone 4C5B9 (Cat # MAB21338) (Green). Red: Negative Control.

Gene Info — TIGIT

Entrez GeneID [201633](#)

Protein Accession# [Q495A1](#)

Gene Name	TIGIT
Gene Alias	DKFZp667A205, FLJ39873, VSIG9, VSTM3
Gene Description	T cell immunoreceptor with Ig and ITIM domains
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin 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
Other Designations	V-set and immunoglobulin domain containing 9 V-set and transmembrane domain containing 3