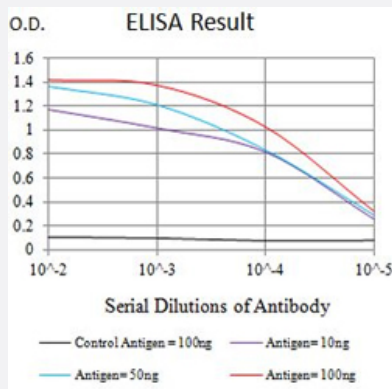


TNFRSF9 monoclonal antibody, clone 4C1A9

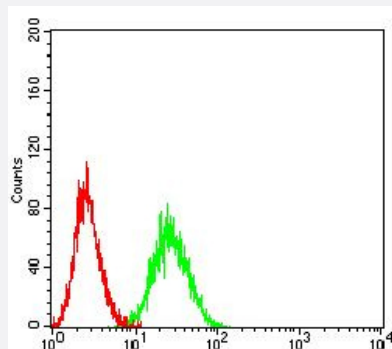
Catalog # MAB17863 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TNFRSF9 monoclonal antibody.



Flow Cytometry

Flow cytometric analysis of Ramos cells using TNFRSF9 mouse monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human TNFRSF9.
Immunogen	Recombinant protein corresponding to amino acids 24-186 of human TNFRSF9 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	27.9
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-400) Western Blot (1:100-1:500) 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

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TNFRSF9 monoclonal antibody.

- Flow Cytometry

Flow cytometric analysis of Ramos cells using TNFRSF9 mouse monoclonal antibody (green) and negative control (red).

Gene Info — TNFRSF9

Entrez GeneID	3604
Gene Name	TNFRSF9
Gene Alias	4-1BB, CD137, CDw137, ILA, MGC2172
Gene Description	tumor necrosis factor receptor superfamily, member 9
Omim ID	602250
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq]

Other Designations

4-1BB ligand receptor|CD137 antigen|OTTHUMP00000001360|OTTHUMP00000044294|T cell antigen ILA|homolog of mouse 4-1BB|induced by lymphocyte activation (ILA)|interleukin-activated receptor, homolog of mouse Ly63|receptor protein 4-1BB

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)