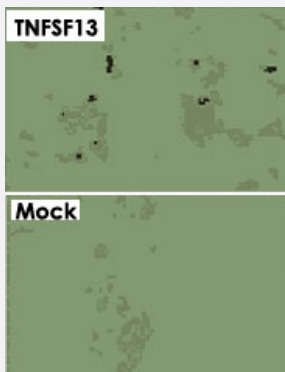


TNFSF13 monoclonal antibody, clone Sacha-1

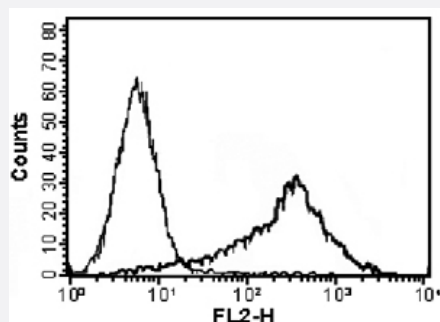
Catalog # MAB3364 Size 100 ug

Applications



Immunocytochemistry

Immunostaining of HEK-293T cells transfected with a mouse TNFSF13 expression plasmid (left panels) or mock transfected (right panel).



Flow Cytometry

TNFSF13 monoclonal antibody, clone Sacha-1 (Cat # MAB3364) , detects membrane-bound human TNFSF13 by FACS. HEK 293T cells (5 X 10⁵) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of mouse TNFSF13 (thick line).

Specification

Product Description	Rat monoclonal antibody raised against partial recombinant TNFSF13.
Immunogen	Recombinant protein corresponding to chimeric protein with amino acids 105-250 of human TNFSF13I and amino acids 16-108 of human ACRP30 headless.
Host	Rat
Reactivity	Human, Mouse
Specificity	Recognizes human and mouse APRIL.
Form	Liquid

Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunocytochemistry

Immunostaining of HEK-293T cells transfected with a mouse TNFSF13 expression plasmid (left panels) or mock transfected (right panel).

- Flow Cytometry

TNFSF13 monoclonal antibody, clone Sacha-1 (Cat # MAB3364), detects membrane-bound human TNFSF13 by FACS. HEK 293T cells (5×10^5) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of mouse TNFSF13 (thick line).

Gene Info — TNFSF13

Entrez GeneID	8741
Gene Name	TNFSF13
Gene Alias	APRIL, CD256, TALL2, TRDL-1, UNQ383/PRO715, ligand
Gene Description	tumor necrosis factor (ligand) superfamily, member 13
Omim ID	604472
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. Other transcripts that skip the last exon of the upstream gene (TNFSF12) and continue with the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq]

Other Designations

OTTHUMP00000174780|TNF- and APOL-related leukocyte expressed ligand 2|a proliferation inducing ligand|tumor necrosis factor (ligand) superfamily member 13 transcript variant delta|tumor necrosis factor ligand superfamily member 13 epsilon|tumor necrosis f

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hodgkin Disease](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)