

Datasheet for ABIN7211565

anti-TNFSF13 antibody (AA 16-108, AA 105-250)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	TNFSF13
Binding Specificity:	AA 16-108, AA 105-250
Reactivity:	Human, Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TNFSF13 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant human APRIL (aa 105-250) fused to human ACRP30headless (aa 16-108)
Clone:	Sacha-1
Isotype:	IgG2a
Specificity:	Excellent for mouse April, also stains human APRIL.
Characteristics:	TNFSF 13 A-Proliferation-inducing ligand CD256,APRIL monoclonal antibody (Sacha-1)
Purification:	Purified from concentrated hybridoma tissue culture supernatant.

Target Details

Target:	TNFSF13
Alternative Name:	APRIL (TNFSF13 Products)

Target Details

UniProt: [O75888](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#),
[Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. In PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

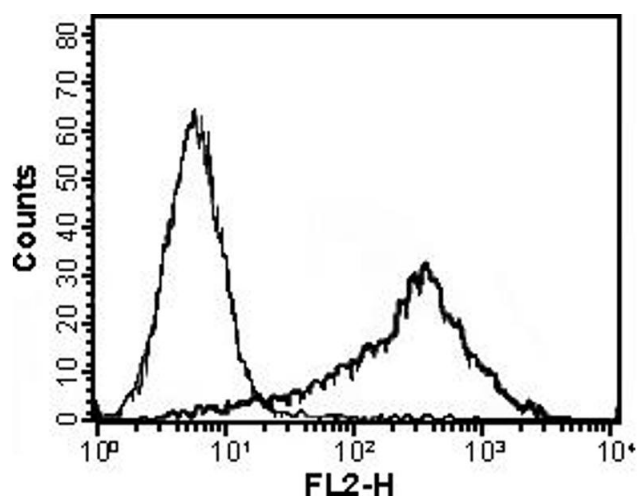
Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C

Storage Comment: Stable for at least 6 months after receipt when stored at +4°C undiluted.

Expiry Date: 6 months

Images



Flow Cytometry

Image 1. MAb to APRIL (Sacha-1) detects membrane-bound human APRIL by FACS. Method: HEK 293T cells (5x10⁵) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of a non-cleavable mouse APRIL (thick line). Cells were incubated on ice for 30 min. in 50µl FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 1µg/ml of MAb to APRIL (Sacha-1). After washing in FACS buffer, PE-conjugated antibody to rat IgG was added. Cells were incubated on ice for 30 min.,

washed and then analyzed by flow cytometry.\'''

Immunohistochemistry

Image 2. Immunostaining of cells transfected with a murine APRIL expression plasmid (left panels), or mock transfected (right panel).Method: 3 days after transfection of cells with the indicated constructs, cells were fixed with acetone. Slides were blocked with IgG, and incubated for 1 hour with 5 µg/mL Sacha-1 or control murine IgG (isotype control) in 1 % BSA / 1x PBS for 1 hour. After washes with PBS, samples were incubated with the secondary Ab for 1 hour, washed in PBS and revealed with StreptABComplex/HRP (Vector) and AEC.

