

Datasheet for ABIN2660922
anti-TNFRSF1A antibody (Biotin)



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1 Image

Overview

Quantity:	50 µg
Target:	TNFRSF1A
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This TNFRSF1A antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Cytometry by Time of Flight (CyTOF)

Product Details

Clone:	55R-170
Isotype:	IgG
Purification:	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Target Details

Target:	TNFRSF1A
Alternative Name:	CD120a (TNFRSF1A Products)
Background:	CD120a is a 55 kD Type I transmembrane protein, also known as Tumor Necrosis Factor Receptor Type I (TNFRI) or p55. It is expressed on a variety of cells at low levels. Resting T cells and erythrocytes express very little to no CD120a. This receptor binds both TNF-α and LT-α (also known as TNF-β). In association with TRADD and RIP, the receptor crosslinking induced by

Target Details

TNF- α or LT- α trimers is critical for signal transduction, leading to apoptosis, NF- κ B activation, increased expression of proinflammatory genes, tumor necrosis, and cell differentiation depending on cell type and differentiation state. The 55R-170 antibody has been shown to block in vitro and in vivo receptor signaling initiated by ligand binding.

Pathways: [NF-kappaB Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Hepatitis C](#), [Ubiquitin Proteasome Pathway](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

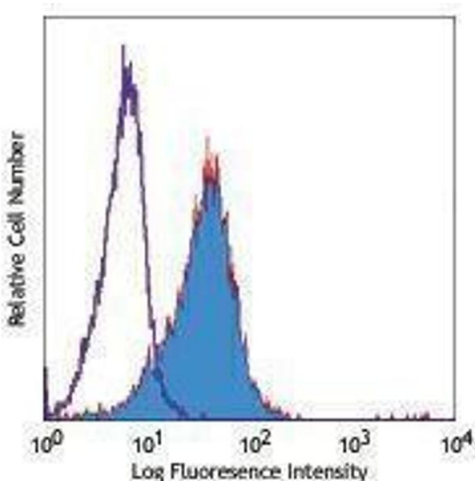
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.