

Anti-NCAM1 Antibody (3M1)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3M1
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human NCAM1(CD56) expression on human whole blood lymphocyte. Cells were stained with purified anti-Human NCAM1(CD56), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	ELISA,FCM
Recommended	ELISA: 1:1000-1:2000; FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human NCAM1 / CD56 Protein (TMPY-00480)
Antigen Species:	Human
Synonyms:	CD56;MSK39;neural cell adhesion molecule 1;NCAM

Research Background

NCAM1 (Neural Cell Adhesion Molecule 1, also known as CD56) is a Protein Coding gene. 3 alternatively spliced human isoforms have been reported. NCAM1 is a neural adhesion protein (NCAM) that belongs to the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. NCAM1 is involved in neuron-neuron adhesion, neurite fasciculation, the outgrowth of neurites, etc. It has also been shown to be involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Diseases associated with NCAM1 include Rabies and Bile Duct Cancer. Among its related pathways are Neuroscience and RET signaling.

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