

NCAM antibody [MY31] (PE-Cy7)

Cat. No. GTX01477-10

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	FACS
Reactivity	Human, Chimpanzee, Cynomolgus monkey, Rhesus Monkey

Reference (5)

Package

100 test

PRODUCT

Summary

The MY31 antibody reacts with human CD56, also known as the neural cell adhesion molecule (NCAM), a glycoprotein which is a member of the immunoglobulin superfamily. The 140 kDa isoform of CD56 is expressed on human NK cells and NK-T cells, with increased expression levels on activated NK lymphocytes. The CD56 antigen is also expressed by neurons and is reported to play a role in nervous system development and neural cell-to-cell adhesion. Clone MY31 also reacts with a subset of CD14+ monocytes in non-human primates, and is reported to be cross-reactive with Chimpanzee, Cynomolgus and Rhesus.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FACS	0.5 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test

Not tested in other applications.

Calculated MW 95 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin-Cyanine7 (PE-Cy7)

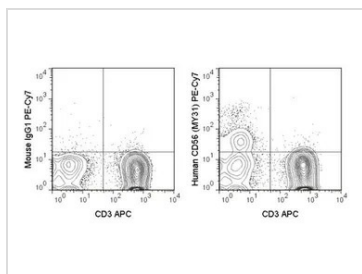


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Note

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DATA IMAGES

GTX01477-10 FACS Image

FACS analysis of human peripheral blood lymphocytes using GTX01477-10 NCAM antibody [MY31] (PE-Cy7).

Right panel : co-stained with NCAM antibody [MY31] (PE-Cy7) and Human CD3 antibody (APC)

Left panel : co-stained with isotype control and Human CD3 antibody (APC)

antibody amount : 0.5 μ g (5 μ l)



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