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Product datasheet for SM6004

NCR1 Mouse Monoclonal Antibody [Clone ID: n1D9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	n1D9
Applications:	ELISA, FC
Recommended Dilution:	**ELISA**. **Western blot** (Cell Lysate). **Flow Cytometry:** This product is routinely tested on peripheral blood mononuclear cells (PBMCs) or natural killer(NK) cells. The histogram is an example of the Flow Cytometric analyses.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human NKp46 protein (22-255aa) purified from *E. coli*.
Specificity:	This antibody is specific for NKp46.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	natural cytotoxicity triggering receptor 1
Database Link:	Entrez Gene 9437 Human O76036

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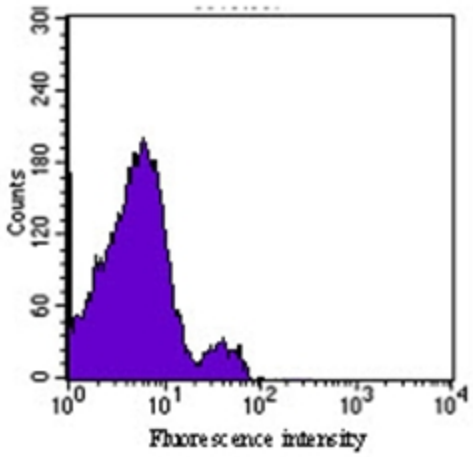
Background: A natural cytotoxicity receptor (NCR), NKp46, is a glycoprotein that has two extracellular Ig-like domains followed by a ~40 residue stalk resion, a type I transmembrane domain, and a short cytoplasmic tail. NKp46 has been shown to represent a novel NK cell-specific molecule involved in human NK cell activation. The natural cytotoxicity receptors (NCRs) are a recently characterized family of Ig-like activation receptors that appear to be major triggering receptors in tumor cell recognition. NKp46 has been implicated in NK cell-mediated lysis of several autologous tumor cells and pathogen-infected cell lines.

Synonyms: NCR1, LY94, NKp46

Product images:



Profile of PBMC analyzed by Flow Cytometry.