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Product datasheet for SM6004S

NCR1 Mouse Monoclonal Antibody [Clone ID: n1D9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	n1D9
Applications:	ELISA, FC
Recommended Dilution:	**ELISA.** **Flow Cytometry.** The antibody has been tested by immunofluorescent staining with flow cytometric analysis and by Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. ***Note:*** this product is routinely tested on peripheral blood mononuclear cells (PBMCs) or natural killer (Nk) cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human NKp46 (22-255aa) purified from E. coli.
Specificity:	This antibody reacts to CD335.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid ascitic fluid
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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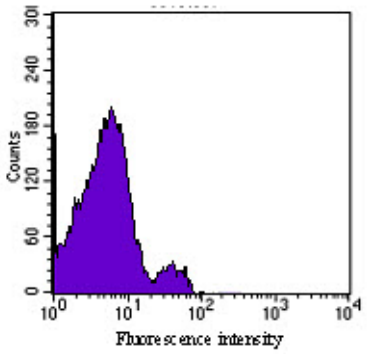
Background: A natural cytotoxicity receptor (NCR), NKp46, is a glycoprotein that has two extracellular Ig-like domains followed by a ~40 residue stalk resion, a type I transmembrane domain, and a short cytoplasmic tail. NKp46 has been shown to represent a novel NK cell-specific molecule involved in human 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