

Mouse anti-Human NKp46 Monoclonal Antibody | anti-NKp46 antibody

NKp46 antibody

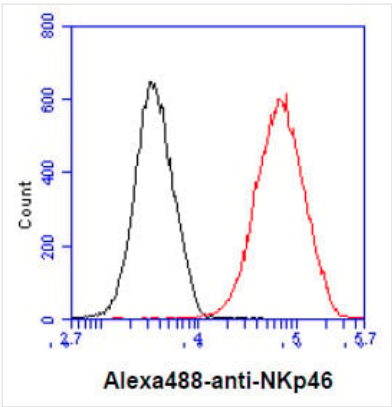
CATALOG # AAA47977	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

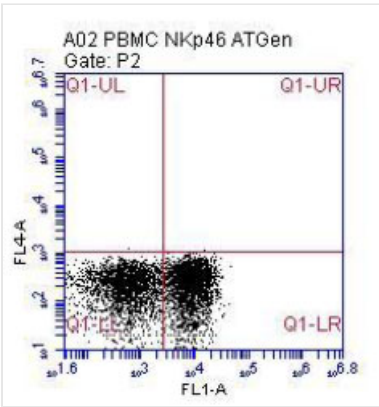
NKp46; Monoclonal Antibody; NKp46 antibody; Natural cytotoxicity triggering receptor 1 isoform a; NCR1; LY94; NCR; NKp46 Extracellular Ig-like domain; Natural killer cell p46-related protein; hNKp46; NK-p46; NK cell-activating receptor; Lymphocyte antigen 94 homolog; CD335 antigen; Natural cytotoxicity triggering receptor 1; anti-NKp46 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	n1D9
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-NKp46 antibody	FCM/FACS (Flow Cytometry), ELISA
Antigen Species	Human
Immunogen	Recombinant human Nkp46 (22-255aa) purified from E. coli
Clone Note	Anti-human Nkp46 mAb, clone n1D9, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant Nkp46.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.



FCM/FACS (Flow Cytometry)
Flow cytometry analysis of NKp46 in HeLa cell line, staining at 2-5ug for 1x10⁶cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



FCM/FACS (Flow Cytometry)
Flow cytometry analysis of NKp46 in PBMC, staining at 2-5ug for 1x10⁶cells. The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG.

ADDITIONAL INFORMATION

Related Product Information for anti-NKp46 antibody	A natural cytotoxicity receptor (NCR), Nkp46, is a glycoprotein that has two extracellular Ig-like domains followed by a ~40 residue stalk region, 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.
Product Categories/Family for anti-NKp46 antibody	Immunology
References	Sivori, S. et al., (1997) J. Exp. Med. 186:1125-36.; Pessino, A. et al., (1998) J. Exp. Med. 188:953-60.

NCBI AND UNIPROT INFORMATION

NCBI GI #	523567563
NCBI GeneID	9437
NCBI Accession #	NP_004820
NCBI GenBank Nucleotide #	NM_004829.6
UniProt Accession #	O76036; O76016; O76017; O76018; B0V3L2; B0V3L3; B0V3L4; B0V3L5; B8JL03
Molecular Weight	34,409 Da
NCBI Official Full Name	natural cytotoxicity triggering receptor 1 isoform a
NCBI Official Synonym Full Names	natural cytotoxicity triggering receptor 1
NCBI Official Symbol	NCR1
NCBI Official Synonym Symbols	LY94; CD335; NKP46; NK-p46
NCBI Protein Information	natural cytotoxicity triggering receptor 1
UniProt Protein Name	Natural cytotoxicity triggering receptor 1
UniProt Gene Name	NCR1
UniProt Synonym Gene Names	LY94; NK-p46; NKP46; hNKP46

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nkp46-antibody-clone-n1d9-flow-cytometry-elisa/47977>