

NKp46 Antibody | anti-NKp46 antibody

Anti-NKp46 [Bab281]

CATALOG # AAA72371	REACTIVITY Human, Macaque	APPLICATIONS Immunofluorescence, Immunoprecipitation, Flow Cytometry, Functional Assay
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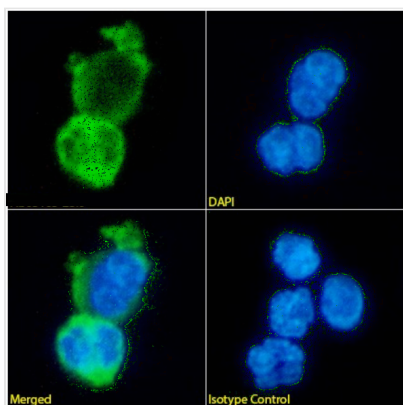
PRODUCT SYNONYMS

NKp46; Anti-NKp46 [Bab281]; Natural cytotoxicity triggering receptor 1; Lymphocyte antigen 94 homolog; NK cell-activating receptor; Natural killer cell p46-related protein; NK-p46; hNKp46; CD335; anti-NKp46 antibody

PRODUCT SPECIFICATIONS

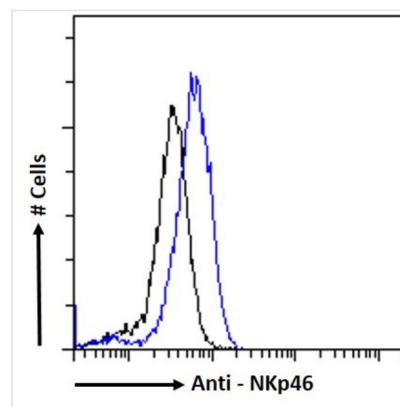
Reactivity	Human, Macaque
Isotype	Rabbit IgG kappa
Clone Number	Bab281
Specificity	The antibody is specific for human NKp46. The antibody cross-reacts with macaque NK46 but does not cross-react with mouse NKp46. NKp46 is a receptor expressed by NK cells.
Purity/Purification	Purified. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NKp46 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of human peripheral blood leucocytes with anti-NKp46 antibody Bab281. Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leucocytes on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of Bab281 (AAA72371) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, AAA72371, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)

Flow cytometry using anti-NKp46 antibody Bab281. Human peripheral blood leucocytes were stained with the anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of Bab281 (AAA72371, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000, and the cells were analyzed using a FACSCanto flow cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-NKp46 antibody	The original antibody was generated by immunizing Balb/c mice with recombinant human NKp46 protein. The paper describes the generation and characterization of the antibody. This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Product Categories/Family for anti-NKp46 antibody	Immunology
References	Sivori et al. J Exp Med. 1997 Oct 6;186(7):1129-36.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224586786
NCBI GeneID	9437
NCBI Accession #	NP_001138929.1
NCBI GenBank Nucleotide #	NM_001145457.1
UniProt Accession #	O76036; O76016; O76017; O76018; B0V3L2; B0V3L3; B0V3L4; B0V3L5; B8JL03
Molecular Weight	34,481 Da
NCBI Official Full Name	natural cytotoxicity triggering receptor 1 isoform b
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; NK cell-activating receptor; natural killer cell p46-related protein; lymphocyte antigen 94 homolog (activating NK-receptor; NK-p46)
UniProt Protein Name	Natural cytotoxicity triggering receptor 1
UniProt Gene Name	NCR1
UniProt Synonym Gene Names	LY94; NK-p46; NKP46; hNKp46
UniProt Entry Name	NCTR1_HUMAN

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.