

Rabbit anti-Human, Mouse NCR1 Polyclonal Antibody | anti-NCR1 antibody

Anti-NCR1 Antibody Picoband

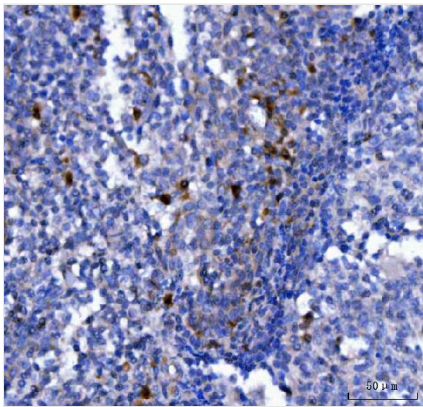
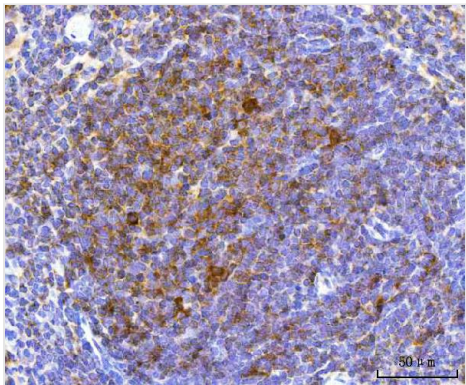
CATALOG # AAA126146	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

NCR1; Polyclonal Antibody; Anti-NCR1 Antibody Picoband; anti-NCR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Natural and recombinant Mouse, Rat Dcc
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-NCR1 antibody	ELISA, IHC (Immunohistochemistry)
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	23.4 pg/ml - 1,500 pg/ml
Sensitivity	<10 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of NCR1 using anti-NCR1 antibody (AAA126146).NCR1 was detected in a paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-NCR1 Antibody (AAA126146) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

IHC (Immunohistochemistry)
Figure 1. IHC analysis of NCR1 using anti-NCR1 antibody (AAA126146).NCR1 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-NCR1 Antibody (AAA126146) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-NCR1 antibody	Background: Netrin receptor DCC, also known as DCC, or colorectal cancer suppressor is a protein which in humans is encoded by the DCC gene. Predicted to enable identical protein binding activity; netrin receptor activity; and transcription coactivator activity. Involved in postsynaptic modulation of chemical synaptic transmission. Acts upstream of or within generation of neurons. Located in axon. Is integral component of postsynaptic density membrane. Is active in Schaffer collateral - CA1 synapse. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; lung; and retina. Human ortholog(s) of this gene implicated in colorectal cancer; congenital mirror movement disorder; esophageal cancer; and esophagus squamous cell carcinoma. Orthologous to human DCC (DCC netrin 1 receptor). Principle of the Assay: The Picokine™ Mouse, Rat Dcc Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse, Rat Dcc with a 96-well strip plate that is pre-coated with antibody specific for Dcc. The detection antibody is a biotinylated antibody specific for Dcc. The capture antibody is a monoclonal antibody from rat/mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse, Rat Dcc with immunogen: Expression system for standard: sf21; Immunogen sequence: F32-N1097. The kit is analytically validated with ready-to-use reagents. To measure Mouse, Rat Dcc, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse, Rat Dcc in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse, Rat Dcc in the sample.
Product Categories/Family for anti-NCR1 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ncr1-antibody-immunohistochemistry-elisa/126146>