



Rabbit Anti-NCR1 antibody

SL10027R

Product Name:	NCR1
Chinese Name:	细胞毒性受体NK-p46抗体
Alias:	Natural killer cell p46-related protein; Natural cytotoxicity triggering receptor 1; NK-p46; NKp46; NK cell-activating receptor; Lymphocyte antigen 94 homolog; CD335; CD 335; LY94; NCTR1 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	31kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD335:198-206/304<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. NCR1 is a glycoprotein that has two extracellular Ig-like domains followed by a ~40 amino acid residue stalk region, a type I transmembrane domain, and a short cytoplasmic tail. NCR1 has been shown to represent a novel NK cell-specific molecule

involved in human NK cell activation. NCR1 has been implicated in NK cell-mediated lysis of several autologous tumor cells and pathogen-infected cell lines.

Function:

Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.

Subunit:

Interacts with CD247 and FCER1G

Subcellular Location:

Cell membrane.

Tissue Specificity:

Selectively expressed by both resting and activated NK cells.

Post-translational modifications:

N-glycosylated.

O-glycosylated.

Similarity:

Belongs to the natural cytotoxicity receptor (NCR) family.

Contains 2 Ig-like (immunoglobulin-like) domains.

SWISS:

O76036

Gene ID:

9437

Database links:

[Entrez Gene: 9437](#)Human

[Entrez Gene: 17086](#)Mouse

[Entrez Gene: 117547](#)Rat

[Omim: 604530](#)Human

[SwissProt: O76036](#)Human

[SwissProt: Q8C567](#)Mouse

[SwissProt: Q9Z0H5](#)Rat

[Unigene: 97084](#)Human

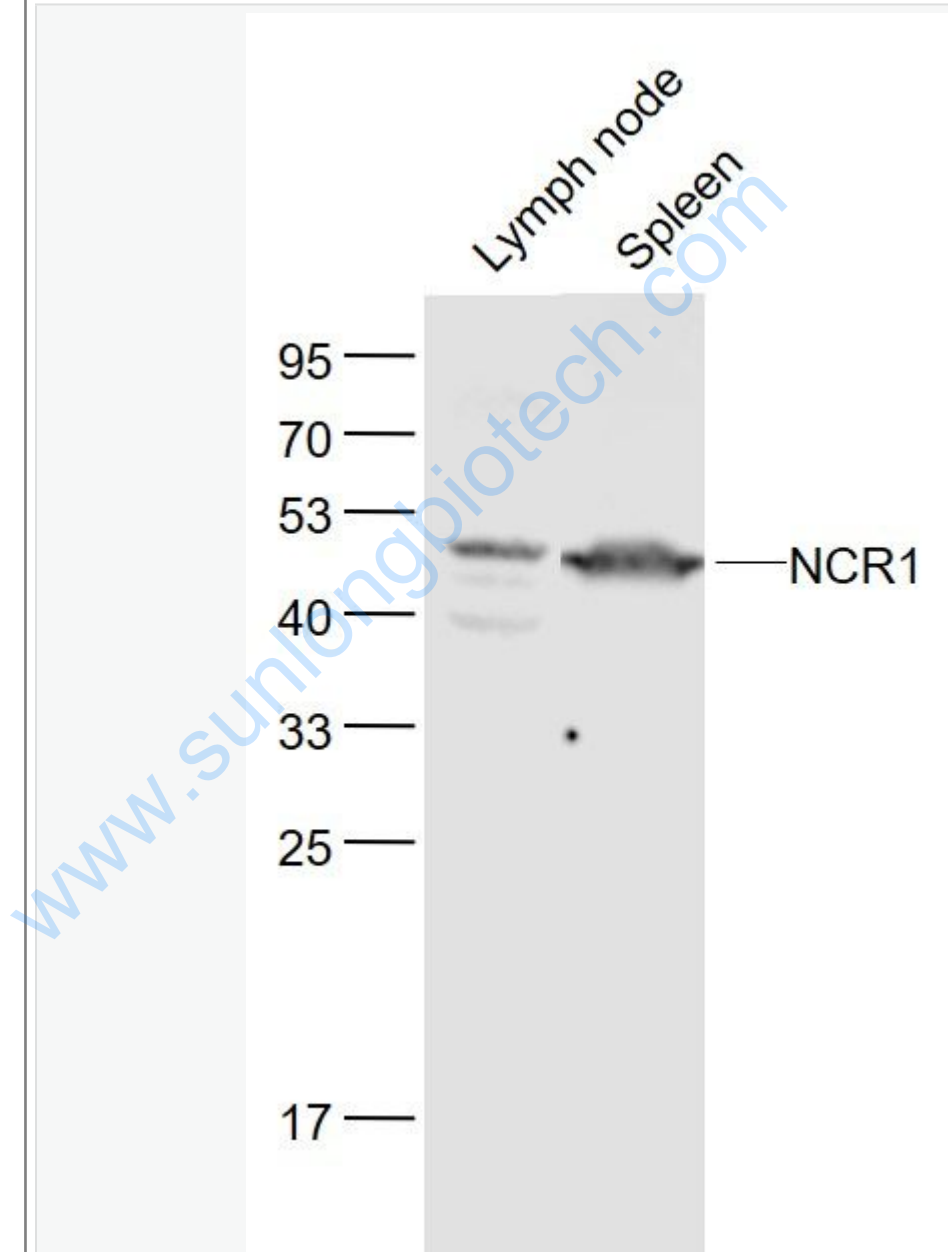
[Unigene: 240231](#)Mouse

[Unigene: 30049](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Lymph node (Mouse) Lysate at 40 ug

Spleen (Mouse) Lysate at 40 ug

Primary: Anti- NCR1 (SL10027R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kD

Observed band size: 46 kD

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