

Rabbit anti-Human, Rat NCR3 Polyclonal Antibody | anti-NCR3 antibody

NCR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324883	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

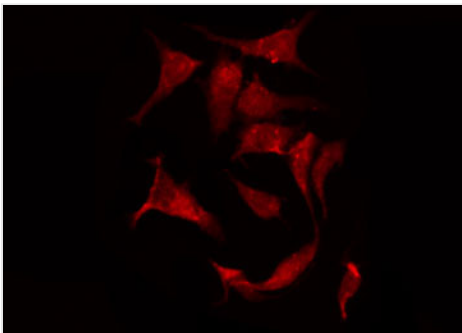
PRODUCT SYNONYMS

NCR3; Polyclonal Antibody; NCR3 Antibody; 1C7; Activating natural killer receptor p30; Activating NK A1 receptor; CD337; CD337 antigen; LY117; Lymphocyte antigen 117; MALS; Natural cytotoxicity triggering receptor 3; Natural killer cell p30 related protein; Natural killer cell p30-related protein; Ncr3; NCTR3_HUMAN; NK-p30; NKp30; anti-NCR3 antibody

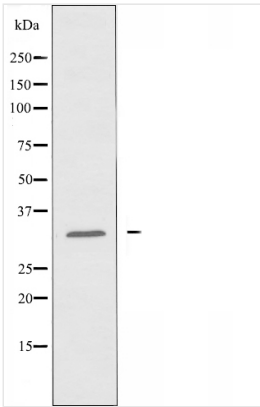
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NCR3 antibody detects endogenous levels of total NCR3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	177
Applicable Applications for anti-NCR3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Selectively expressed by all resting and activated NK cells and weakly expressed in spleen.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324883 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from A549 cells, using NCR3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NCR3 antibody	Function: Cell membrane receptor of natural killer/NK cells that is activated by binding of extracellular ligands including BAG6 and NCR3LG1. Stimulates NK cells cytotoxicity toward neighboring cells producing these ligands. It controls, for instance, NK cells cytotoxicity against tumor cells. Engagement of NCR3 by BAG6 also promotes myeloid dendritic cells (DC) maturation, both through killing DCs that did not acquire a mature phenotype, and inducing the release by NK cells of TNFA and IFNG which promote DC maturation. Subunit Structure: Homodimer in the unliganded form. Interacts with CD3Z. Interacts with and is activated by binding to NCR3LG1. Interacts with and is activated by binding to BAG6. Similarity: Belongs to the natural cytotoxicity receptor (NCR) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224586860
NCBI GeneID	259197
NCBI Accession #	NP_001138938.1
NCBI GenBank Nucleotide #	NM_001145466.1
UniProt Accession #	O14931; O14930; O14932; O95667; O95668; O95669; Q5ST89; Q5ST90; Q5ST91; B0S8F2; B0S8F4; B0S8F5
Molecular Weight	Observed: 30 kD Predicted: 22 kDa
NCBI Official Full Name	natural cytotoxicity triggering receptor 3 isoform b
NCBI Official Synonym Full Names	natural cytotoxicity triggering receptor 3
NCBI Official Symbol	NCR3
NCBI Official Synonym Symbols	1C7; MALS; CD337; LY117; NKp30
NCBI Protein Information	natural cytotoxicity triggering receptor 3
UniProt Protein Name	Natural cytotoxicity triggering receptor 3
UniProt Gene Name	NCR3
UniProt Synonym Gene Names	1C7; LY117; NK-p30; NKp30

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.

