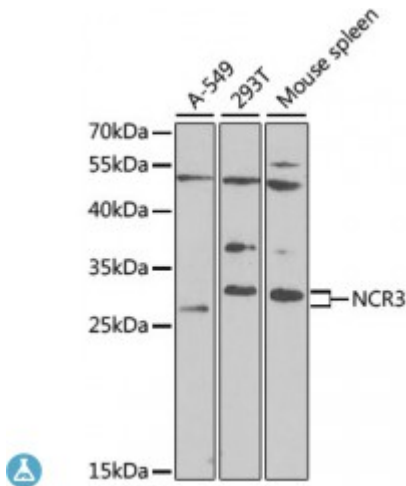


Anti-NCR3 Antibody



Description

The protein encoded by this gene is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.

Model	STJ114490
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-140 of human NCR3 (NP_667341.1).
Gene ID	259197
Gene Symbol	NCR3
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Selectively expressed by all resting and activated NK cells and weakly expressed in spleen
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Natural cytotoxicity triggering receptor 3 Activating natural killer receptor p30 Natural killer cell p30-related protein NK-p30 NKp30 CD antigen CD337

Molecular Weight	21.593 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:19077OMIM:609148Reactome:R-HSA-198933
Alternative Names	Natural cytotoxicity triggering receptor 3 Activating natural killer receptor p30 Natural killer cell p30-related protein NK-p30 NKp30 CD antigen CD337
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,
Cellular Localization	Cell membrane

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