

Mouse anti-Rat NKp46 Monoclonal Antibody | anti-NKp46 antibody

Monoclonal Antibody to Rat NKp46 (Clone: WEN23)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78490	Mouse	Rat	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, Immunoprecipitation, Functional Assay

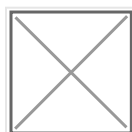
PRODUCT SYNONYMS

NKp46; Monoclonal Antibody; Monoclonal Antibody to Rat NKp46 (Clone: WEN23); Natural cytotoxicity triggering receptor 1; Activating receptor 1; Lymphocyte antigen 94 homolog; NK receptor KILR-1; Natural killer cell p46-related protein; CD335; anti-NKp46 antibody

PRODUCT SPECIFICATIONS

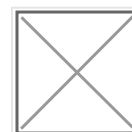
Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	WEN23
Purity/Purification	Protein G Chromatography Purified
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	325
Applicable Applications for anti-NKp46 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IP (Immunoprecipitation), FA (Functional Assay)
Immunogen	NKp46
Immunogen Information	Recombinant rat NKp46 ectodomain coupled to the Fc portion of mouse IgG2b was used as the immunogen for this antibody.
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months. For long-term storage; store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Figure-2: Western blot analysis of anti-NKp46 in 293T cells transfected with a rat NKp46 expression construct and empty vector (EV) lysates at Non-reducing (NR) and reducing (R) condition.



FCM/FACS (Flow Cytometry)

Figure-1: Flow cytometry analysis of anti-NKp46 in IL-2-stimulated Rat NK cells. Black line represent anti-NKp46 (Clone:WEN23), dotted line represent Secondary antibody control.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NKp46 antibody	Immunology
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References	Ingunn H. Westgaard, Siri F. Berg, John T. Vaage, Lawrence L. Wang, Wayne M. Yokoyama, Erik Dissen, and Sigbjørn Fossum, Rat Nkp46 activates natural killer cell cytotoxicity and is associated with Fc RI and CD3, September 8, 2004 as DOI:10.1189/jlb.0903428)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17105354
NCBI GeneID	117547
NCBI Accession #	NP_476547.1
NCBI GenBank Nucleotide #	NM_057199.1
UniProt Accession #	Q9Z0H5
Molecular Weight	37,178 Da
NCBI Official Full Name	natural cytotoxicity triggering receptor 1
NCBI Official Synonym Full Names	natural cytotoxicity triggering receptor 1
NCBI Official Symbol	Ncr1
NCBI Official Synonym Symbols	Ly94; Nkp46; KILR-1; Nk-p46
NCBI Protein Information	natural cytotoxicity triggering receptor 1
UniProt Protein Name	Natural cytotoxicity triggering receptor 1
UniProt Gene Name	Ncr1
UniProt Synonym Gene Names	Ar1; Kilr1; Ly94; rAR-1; NK-p46; Nkp46

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/monoclonal/nkp46-antibody-clone-wen23-western-blot-flow-cytometry-immunohistochemistry-immunoprecipitation-functional-assay-elisa/78490>