

NCR1 Antibody

Catalog No: #37471

Package Size: #37471-1 50ul #37471-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	NCR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC IF
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total NCR1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human natural cytotoxicity triggering receptor 1
Conjugates	Unconjugated
Target Name	NCR1
Other Names	LY94; CD335; NKP46; NK-p46
Accession No.	Swiss-Prot#: O76036NCBI Gene ID: 9437Gene Accssion: NP_001138929
SDS-PAGE MW	34kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

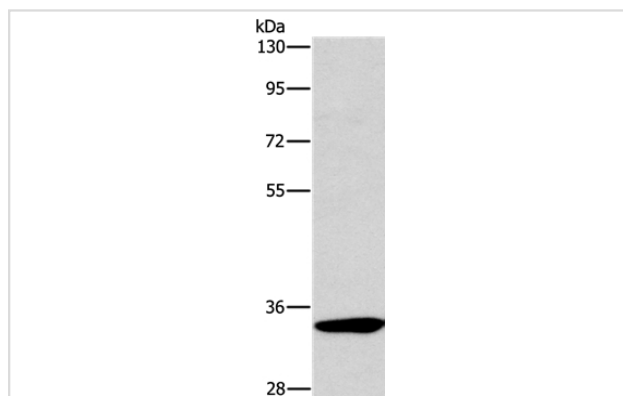
Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

IF:1:20~1:100

Images



Gel: 8%SDS-PAGE

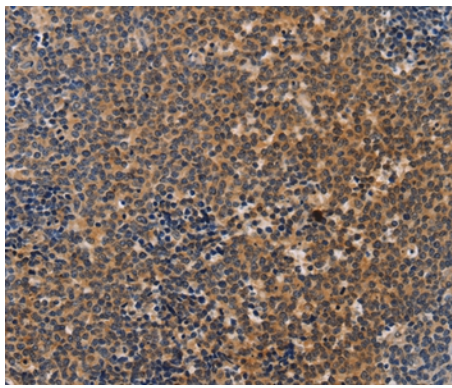
Lysates (from left to right): Mouse kidney tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/450 dilution

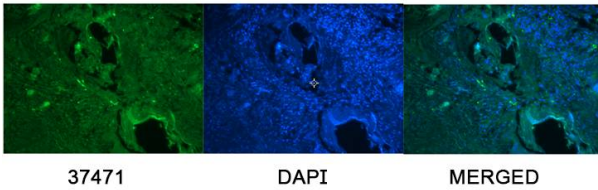
Secondary antibody dilution: 1/8000

Exposure time: 1 minute



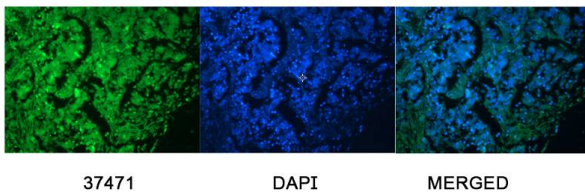
Immunohistochemical analysis of paraffin-embedded Human lymphoma tissue using #37471 at dilution 1/20.

Human Esophagus cancer tissue



Immunofluorescent analysis of formalin-fixed, paraffin-embedded Human Esophagus cancer labeling NCR1 with 37471 at 1/20 dilution, followed by Donkey anti-rabbit IgG (FITC) secondary antibody at 1/50 dilution (green). The image showing both cytoplasmic and Cell membrane staining on Human Esophagus cancer tissue. The nuclear counter stain is DAPI (blue).

Human Lung cancer tissue



Immunofluorescent analysis of formalin-fixed, paraffin-embedded Human Lung cancer labeling NCR1 with 37471 at 1/20 dilution, followed by Donkey anti-rabbit IgG (FITC) secondary antibody at 1/50 dilution (green). The image showing both cytoplasmic and Cell membrane staining on Human Lung cancer tissue. The nuclear counter stain is DAPI (blue).

Background

Natural cytotoxicity triggering receptor 1 is a protein that in humans is encoded by the *NCR1* gene. *NCR1* has also been designated as *CD335* (cluster of differentiation 335). Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. Interacts with CD247 and FCER1G. Selectively expressed by both resting and activated NK cells.

Published Papers

el at., Electroacupuncture alleviates motor dysfunction by regulating neuromuscular junction disruption and neuronal degeneration in SOD1G93A mice. In Brain Res Bull on 2024 Oct 1 by Junyang Liu, Weijia Zhao, et al.. PMID:39084570, , (2024)

[PMID:39084570](https://pubmed.ncbi.nlm.nih.gov/39084570/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.