NCR3 | Validation File

TARGET NCR3 (Natural cytotoxicity triggering receptor 3)
CLONE NAME ***JAEN443B***
DESCRIPTION Rat monoclonal
ANTIGEN USED RBL-1-NCR3-MYC-DDK transfected cells and R&D protein Fc conjugated 1849-NK-025
ISOTYPE IgG2b
SPECIES REACTIVITY human
LOCALIZATION cell membrane
POSITIVE CONTROL NK92 cell line
STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide
Purified antibody: PBS plus 1%BSA and 0.02% sodium azide. MAb concentration: 1mg/ml
STORAGE Aliquot and store at 4C. Do not freeze

Recommended Inconclusive Not Recommended Not Tested

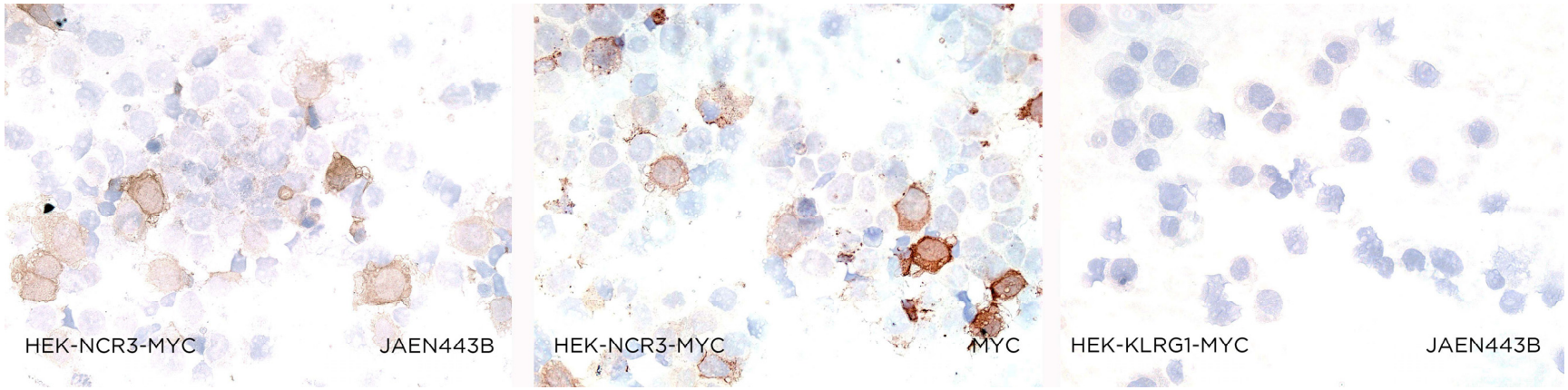
APPLICATIONS

| ICC | ***Immunocytochemistry***

JAEN443B is able to detect human NCR3 protein in immunocytochemistry

DILUTION Neat supernatant

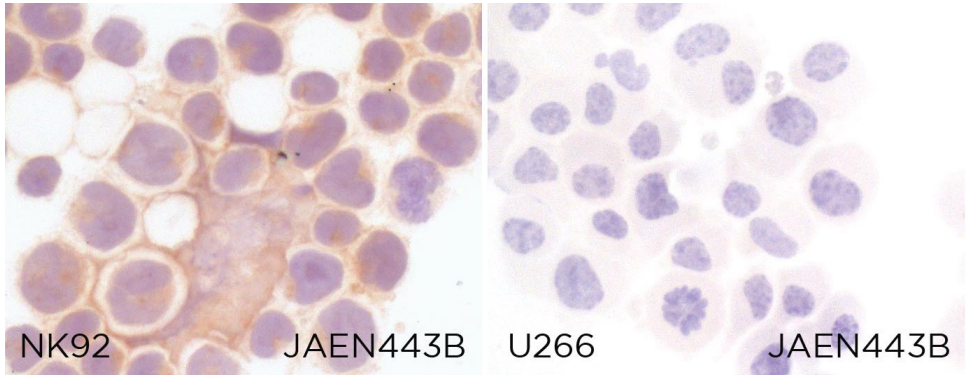
To confirm that JAEN443B mAb recognizes human NCR3 protein, immunocytochemistry on frozen cytospin preparations of human NCR3 expressed in HEK293 cell line was performed. Anti-MYC antibody was used as positive control. HEK-KLRG1-MYC transfected cell line was used as negative control.



| IHC-F | ***Immunohistochemistry (frozen)***

JAEN443B antibody can be used to detect NCR3 protein in human frozen cell lines

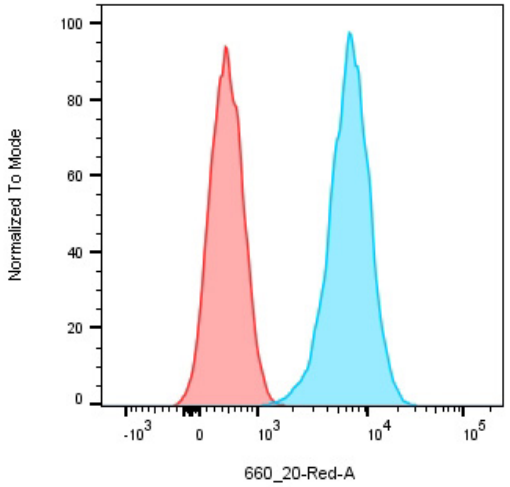
SAMPLE NK92 (human NK) and U266 (human myeloma) cell lines
DILUTION neat supernatant
ANTIBODY INCUBATION 30 minutes



| FC | ***Flow Cytometry***

JAEN443B antibody can be used to detect NCR3 protein in human cell lines by flow citometry

SAMPLE NK92 (human NK) and U266 (human myeloma) cell lines
CELLS/TUBE 2X10^6
DILUTION supernatant 80ul/tube
SECONDARY ANTIBODY DILUTION 1/800



Sample Name	Subset Name	Count
NK92_jaen G2 80ug.fcs	FSC-A, SSC-A subset	9315
U266_jaen G2.fcs	FSC-A, SSC-A subset	10016

| IF | ***Immunofluorescence (paraffin)*** Not tested

| IP | ***Immunoprecipitation*** Not Tested

| IHC-P | ***Immunohistochemistry (paraffin)*** Not working

| WB | ***Western Blotting*** Not working