NCR2 Conjugated Antibody

Catalog No: #C37472

Package Size: #C37472-AF350 100ul #C37472-AF405 100ul #C37472-AF488 100ul #C37472-AF555 100ul #C37472-AF594 100ul #C37472-AF647 100ul #C37472-AF680 100ul #C37472-AF750 100ul #C37472-Biotin 100ul

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

Description

Product Name	NCR2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NCR2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human natural cytotoxicity triggering receptor 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LY95; CD336; NKP44; NK-p44; dJ149M18.1
Accession No.	Swiss-Prot#:O95944NCBI Gene ID:9436NCBI Protein#:NP_001138929
Uniprot	O95944
GeneID	9436;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Natural cytotoxicity triggering receptor 2?is a?protein?that in humans is encoded by the?NCR2?gene. NCR2 has also been designated as?CD336?(cluster of differentiation?336). NKp44 is a natural cytotoxicity receptor that is is expressed on IL-2-activated human NK cells and may contribute to the increased efficiency of NK cells to mediate tumor cell lysis. NKp44 is composed of one Ig-like extracellular domain, a transmembrane segment, and a cytoplasmic domain. Prolactin up-regulates and cortisol down-regulates the surface expression of NKp44 at the transcriptional level. A cellular ligand for NKp44 (NKp44L) is expressed during HIV-1 infection and is correlated with the progression of CD4+ T cell depletion and an increase of viral load.

Note: This product is for in vitro research use only