

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:25-1:100

Protein Background:

Innate immune receptor which acts as a cytoplasmic sensor of viral nucleic acid, and plays a major role in sensing viral infection and in the activation of a cascade of antiviral responses including the induction of type I interferons and proinflammatory cytokines. Its ligands include mRNA lacking 2'-O-methylation at their 5' cap and long-dsRNA (>1 kb in length). Upon ligand binding it associates with mitochondria antiviral signaling protein (MAVS/IPS1) which activates the IKK-related kinases: TBK1 and IKKε which phosphorylate interferon regulatory factors: IRF3 and IRF7 which in turn activate transcription of antiviral immunological genes, including interferons (IFNs); IFN-α and IFN-β. Responsible for detecting the Picornaviridae family members such as encephalomyocarditis virus (EMCV) and mengo encephalomyocarditis virus (ENMG). Can also detect other viruses such as dengue virus (DENV), west Nile virus (WNV), and reovirus.

Gene ID:

NCR1

Uniprot

O76036

Synonyms:

natural cytotoxicity triggering receptor 1

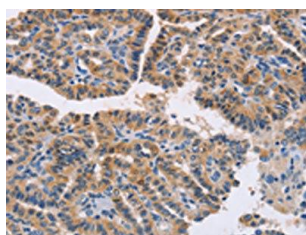
Immunogen:

Synthetic peptide of human NCR1.

Storage:

-20°C; C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

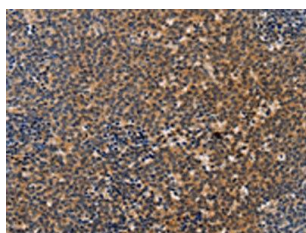
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO19415(NCR1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: Mouse kidney tissue, Primary antibody: PACO19415(NCR1 Antibody) at dilution 1/450, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human Lymphoma tissue using PACO19415(NCR1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).