Anti-IFNGR1 antibody

Cat. No.	ml163033
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-IFNGR1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human IFNGR1
Reactivity	Human
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IFNGR1
Full name	interferon gamma receptor 1
Synonyms	CD119; IFNGR; IMD27A; IMD27B
Swissprot	P15260

Target Background

This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.
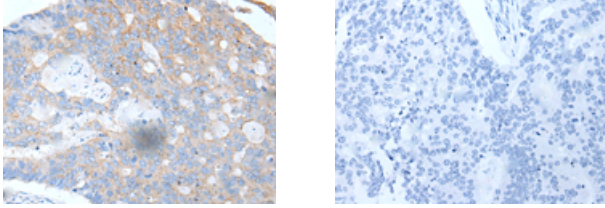
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human colorectal cancer

Recommended dilution: 20-100

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml163033(IFNGR1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:54 kDa

Positive control:HEPG2 cell lysate
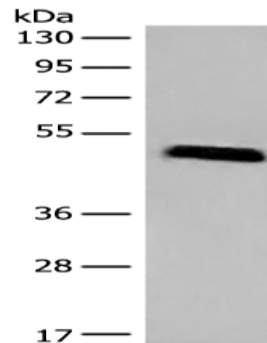
Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

Lysate: 40 μg

Lane: HEPG2 cell lysate

Primary antibody: ml163033(IFNGR1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds

ELISA

Recommended dilution: 5000-10000

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