

IFNGR2 Polyclonal Antibody

Catalog number: 10266-1-AP

Size: 22 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

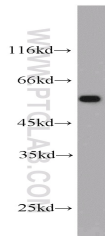
IFNGR2; AF 1, IFGR2, IFN

gamma R2, IFN gamma

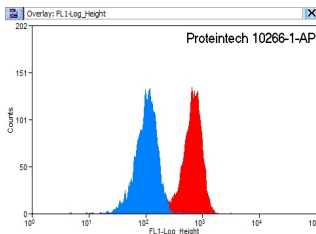
receptor 2, IFNGR2, IFNGT1,

Interferon gamma receptor 2,

Interferon gamma transducer 1



A549 cells were subjected to SDS PAGE followed by western blot with 10266-1-AP (IFNGR2 antibody) at dilution of 1:500



1X10⁶ HeLa cells were stained with 0.2 µg IFNGR2 antibody (10266-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.

Background

Interferon-gamma (IFN-γ) is a cytokine critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. Cellular responses to IFN-γ are activated through its interaction with a heterodimeric receptor consisting of two subunits, IFNGR1 and IFNGR2. IFNGR1 is the ligand-binding subunit which binds IFN-γ with high affinity, whereas IFNGR2 serves as the accessory subunit which attaches to IFN-γ with a significantly lower affinity. Two subunits bind one IFN-γ dimer. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. (PMID: 17981204; 946248; 10888113)

Applications

Tested applications:	ELISA, WB, FC
Species specificity:	Human; other species not tested.
Calculated IFNGR2 MW:	45 kDa
Observed IFNGR2 MW:	55 kDa
Positive WB detected in	A549 cells, HeLa cells, HepG2 cells
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000
	FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0317
GenBank accession number:	BC003624
Gene ID (NCBI):	3460
Full name:	Interferon gamma receptor 2 (interferon gamma transducer 1)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.