

Rabbit anti-Human IFNGR2 Polyclonal Antibody | anti-IFNGR2 antibody

IFNGR2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286547	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

IFNGR2; Polyclonal Antibody; IFNGR2 Antibody (C-term); Interferon gamma receptor 2; IFN-gamma receptor 2; IFN-gamma-R2; Interferon gamma receptor accessory factor 1; AF-1; Interferon gamma transducer 1; IFNGT1; anti-IFNGR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IFNGR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-337 amino acids from the C-terminal region of human IFNGR2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	308-337
Sequence Length	337
Applicable Applications for anti-IFNGR2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NCI-H292 cells using IFNGR2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

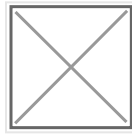
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with IFNGR2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of IFNGR2 Antibody (C-term) in MDA-MB453 cell line lysates (35ug/lane). IFNGR2 (arrow) was detected using the purified Pab.

**WB (Western Blot)**

Western blot analysis of lysate from human skeletal muscle tissue lysate, using IFNGR2 Antibody (C-term). AAA286547 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

**WB (Western Blot)**

Western blot analysis of lysate from human skeletal muscle tissue lysate, using IFNGR2 Antibody (C-term). AAA286547 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-IFNGR2 antibody	IFNGR2 is the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection.
Product Categories/Family for anti-IFNGR2 antibody	Cancer ; Immunology ; Metabolism ; Neuroscience ; Signal Transduction
References	Kotenko,S.V., et.al., J. Biol. Chem. 270 (36), 20915-20921 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419934
NCBI GeneID	3460
NCBI Accession #	NP_005525.2
NCBI GenBank Nucleotide #	NM_005534.3
UniProt Accession #	P38484 ; Q9BTL5
Molecular Weight	37806
NCBI Official Full Name	interferon gamma receptor 2
NCBI Official Synonym Full Names	interferon gamma receptor 2 (interferon gamma transducer 1)
NCBI Official Symbol	IFNGR2
NCBI Official Synonym Symbols	AF-1; IFGR2; IMD28; IFNGT1
NCBI Protein Information	interferon gamma receptor 2
UniProt Protein Name	Interferon gamma receptor 2
UniProt Gene Name	IFNGR2
UniProt Synonym Gene Names	IFNGT1; IFN-gamma receptor 2; IFN-gamma-R2; AF-1
UniProt Entry Name	INGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.