

ARG40361 anti-IFNGR2 / IFN gamma R2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IFNGR2 / IFN gamma R2
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IFNGR2 / IFN gamma R2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 308-337 of Human IFNGR2.
Conjugation	Un-conjugated
Alternate Names	IFNGT1; Interferon gamma receptor accessory factor 1; IFGR2; Interferon gamma receptor 2; AF-1; Interferon gamma transducer 1; IFN-gamma receptor 2; IMD28; IFN-gamma-R2

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	1:50 - 1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human skeletal muscle	

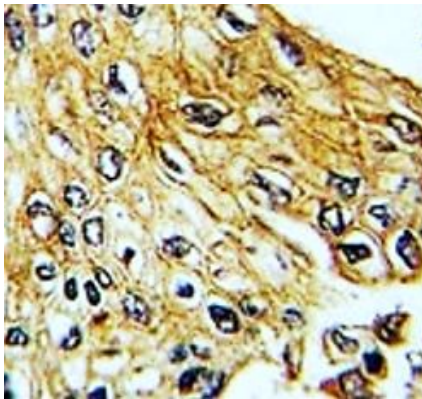
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

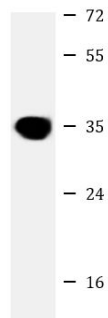
Gene Symbol	IFNGR2
Gene Full Name	interferon gamma receptor 2 (interferon gamma transducer 1)
Background	This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance. [provided by RefSeq, Jul 2008]
Function	Part of the receptor for interferon gamma. Required for signal transduction. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2. [UniProt]
Calculated Mw	38 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Cytoplasm. Note=Has low cell surface expression and high cytoplasmic expression in T cells. The bias towards cytoplasmic expression may be due to ligand-independent receptor internalization and recycling. [UniProt]

Images



ARG40361 anti-IFNGR2 / IFN gamma R2 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung carcinoma stained with ARG40361 anti-IFNGR2 / IFN gamma R2 antibody.

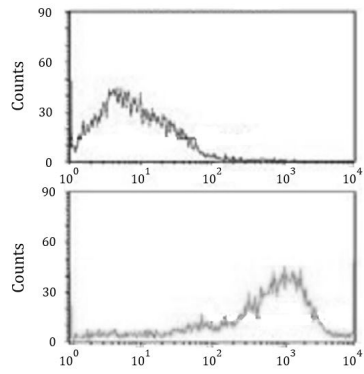


Human skeletal muscle

ARG40361 anti-IFNGR2 / IFN gamma R2 antibody WB image

Western blot: 35 µg of Human skeletal muscle lysate stained with ARG40361 anti-IFNGR2 / IFN gamma R2 antibody at 1:1000 dilution.

ARG40361 anti-IFNGR2 / IFN gamma R2 antibody FACS image



Flow Cytometry: NCI-H292 cells stained with ARG40361 anti-IFNGR2 / IFN gamma R2 antibody (bottom histogram) or without primary antibody as control (top histogram), followed by incubation with FITC labelled secondary antibody.