

ARG40369
anti-CD119 / IFN gamma R1 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD119 / IFN gamma R1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD119 / IFN gamma R1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 108-147 of Human CD119 / IFN gamma R1. (QKESAYAKSEEFVAVCRDGGKIGPPKLDIRKEEKQIMIDIFH)
Conjugation	Un-conjugated
Alternate Names	IMD27B; IMD27A; CD119; CD antigen CD119; CDw119; Interferon gamma receptor 1; IFNGR; IFN-gamma receptor 1; IFN-gamma-R1

Application Instructions

Application table	Application	Dilution
	FACS	1:150 - 1:500
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	95 kDa	

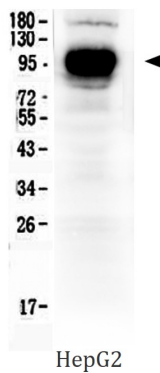
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
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.

Bioinformation

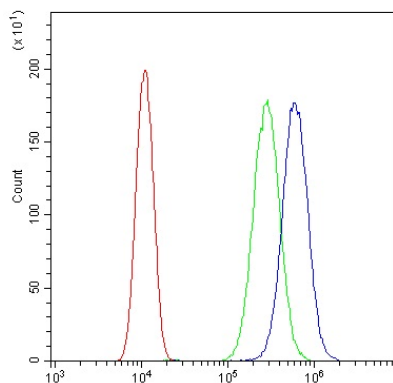
Gene Symbol	IFNGR1
Gene Full Name	interferon gamma receptor 1
Background	This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to <i>Helicobacter pylori</i> infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008]
Function	Receptor for interferon gamma. Two receptors bind one interferon gamma dimer. [UniProt]
Calculated Mw	54 kDa
PTM	Phosphorylated at Ser/Thr residues. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG40369 anti-CD119 / IFN gamma R1 antibody WB image

Western blot: 50 µg of sample under reducing conditions. HepG2 whole cell lysate stained with ARG40369 anti-CD119 / IFN gamma R1 antibody at 0.5 µg/ml, overnight at 4°C.



ARG40369 anti-CD119 / IFN gamma R1 antibody FACS image

Flow Cytometry: SiHa cells were blocked with 10% normal goat serum and then stained with ARG40369 anti-CD119 / IFN gamma R1 antibody (blue) at 1 µg/10⁶ cells for 30 min at 20°C, followed by incubation with DyLight[®]488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 µg/10⁶ cells) used under the same conditions. Unlabelled sample (red) was also used as a control.