

ARG44576 anti-IFI30 / GILT antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IFI30 / GILT
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IFI30 / GILT
Species	Human
Immunogen	Human IFI30 / GILT recombinant protein (aa. sequence: S27-K250).
Conjugation	Un-conjugated
Alternate Names	IFI30; IFI30 Lysosomal Thiol Reductase; GILT; IP30; Gamma-Interferon-Inducible Lysosomal Thiol Reductase; Legumaturain; IFI-30; IP-30; Interferon Gamma-Inducible Protein 30 Preproprotein; Gamma-Interferon-Inducible Protein IP-30; MGC32056; Interferon, Gamma-Inducible Protein 30; Interferon Gamma Inducible Protein 30; IFI30, Lysosomal Thiol Reductase; EC 1.8.-.-

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/10 ⁶ cells
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Preservative	4% Trehalose
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	IFI30
Gene Full Name	IFI30 Lysosomal Thiol Reductase
Background	The protein encoded by this gene is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing. [provided by RefSeq, Jul 2008]
Function	Facilitates also MHC class I-restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation. [Uniprot]
Calculated Mw	28 kDa
PTM	Disulfide bond, Glycoprotein. [Uniprot]
Cellular Localization	Lysosome, Secreted. [Uniprot]