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Datasheet for ABIN7156602
anti-IFNGR2 antibody (AA 28-205)

3 Images

Overview

Quantity:	100 µg
Target:	IFNGR2
Binding Specificity:	AA 28-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNGR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon gamma receptor 2 protein (28-205AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IFNGR2
Alternative Name:	IFNGR2 (IFNGR2 Products)
Background:	Background: Associates with IFNGR1 to form a receptor for the cytokine interferon gamma (IFNG) (PubMed:8124716, PubMed:7673114, PubMed:7615558). Ligand binding stimulates

Target Details

activation of the JAK/STAT signaling pathway (PubMed:8124716, PubMed:7673114, PubMed:15356148). Required for signal transduction in contrast to other receptor subunit responsible for ligand binding (PubMed:7673114).

Aliases: AF 1 antibody, AF-1 antibody, AF1 antibody, IFGR 2 antibody, IFGR2 antibody, IFN gamma Receptor beta antibody, IFN-gamma receptor 2 antibody, IFN-gamma-R2 antibody, IFNGR 2 antibody, IFNGR2 antibody, IFNGT 1 antibody, IFNGT1 antibody, IMD28 antibody, INGR2_HUMAN antibody, Interferon gamma receptor 2 (interferon gamma transducer 1) antibody, Interferon gamma receptor 2 antibody, Interferon gamma receptor accessory factor 1 antibody, Interferon gamma receptor beta chain antibody, Interferon gamma receptor chain 2 antibody, Interferon gamma transducer 1 antibody

UniProt: [P38484](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

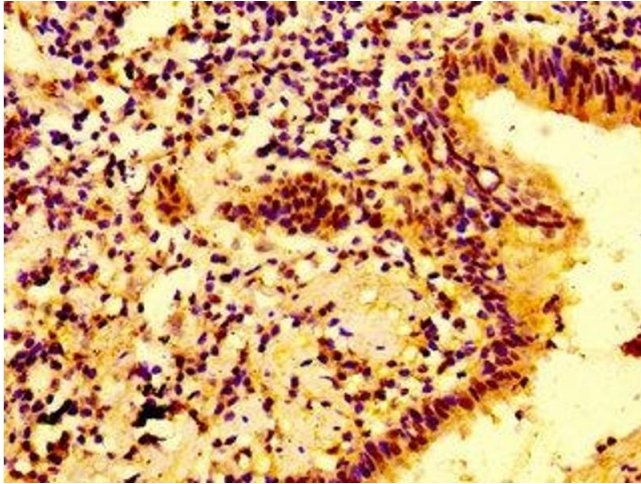
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

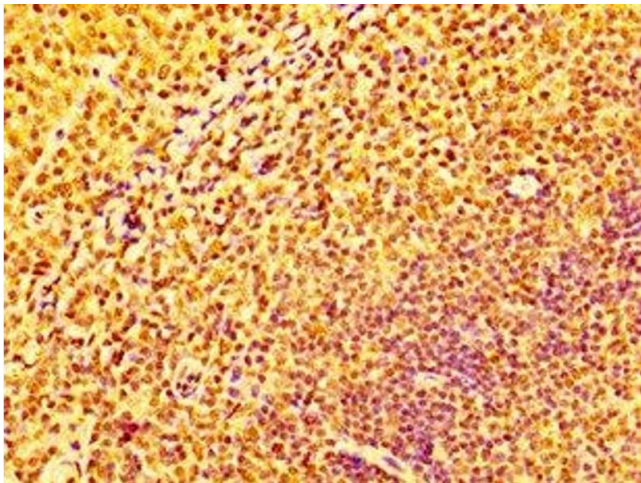
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



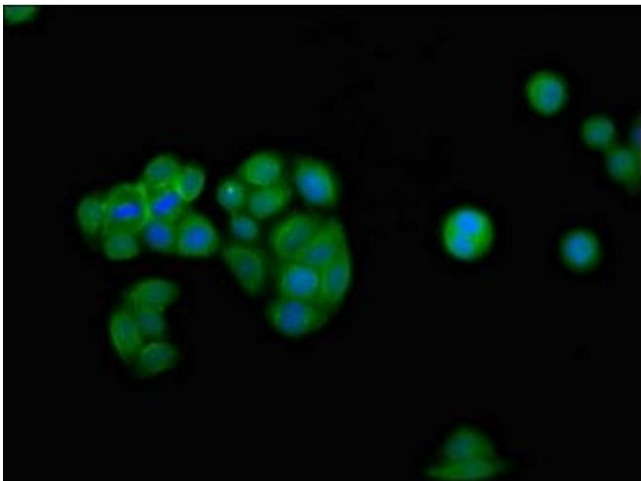
Immunohistochemistry

Image 1. IHC image of ABIN7156602 diluted at 1:100 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7156602 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 3. Immunofluorescence staining of PC-3 cells with ABIN7156602 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).