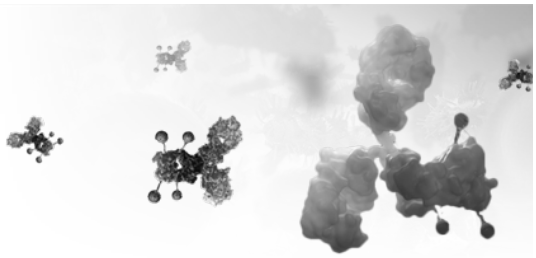

# Rabbit Anti-Mouse IFNGR1 monoclonal antibody, clone S173 (CABT-ZB758)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Specificity** | It reacts with Mouse IFNGR1 |
| **Target** | IFNGR1 |
| **Immunogen** | Recombinant Mouse IFNGR1/CD119 Protein |
| **Isotype** | IgG1 |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Mouse |
| **Clone** | S173 |
| **Purification** | Protein A purified |
| **Conjugate** | Unconjugated |
| **Applications** | ELISA(cap), FC, ICC/IF<br>We recommend the following for sandwich ELISA (Capture - Detection):<br>CABT-ZB758 - CABT-ZB1071<br>This antibody will detect IFNGR1 in antibody pair set. [ABPR-ZB338] |
| **Preparation** | This antibody was obtained from a rabbit immunized with purified, recombinant Mouse IFNGR1 / CD119. |
| **Format** | Purified, Liquid |
| **Concentration** | Lot specific |
| **Size** | 50 µL, 100 µL, 1 mL |

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| | |
|---|---|
| **Buffer** | PBS |
| **Preservative** | None |
| **Storage** | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| **Ship** | Wet ice |

# BACKGROUND

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| **Introduction** | The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alters the behavior of the cell. Some CD proteins do not take part in the cell signal process but have other functions such as cell adhesion. CD119 (cluster of differentiation 119), also known as IFNGR1 ( interferon-gamma receptor 1), is part of the heterodimeric gamma interferon receptor which consists of IFNGR1 (CD119) and IFNGR2. The IFNGR1 gene encodes the ligand-binding chain (alpha) of the interferon receptor while the IFNGR gene encodes the non-ligand binding partner. The ability of the interferon-γ was achieved through binding to the interferon receptor CD119. After binding, the products of activated T-lymphocytes interferon-γ exerts antiviral activity, growth inhibitory effect, and several immune- regulatory activities on a variety of cell types. |
| **Keywords** | IGFBP3; insulin-like growth factor binding protein 3; IBP3; BP-53 |

# GENE INFORMATION

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|---|---|
| **Synonyms** | IGFBP3; insulin-like growth factor binding protein 3; IBP3; BP-53; insulin-like growth factor-binding protein 3; IBP-3; IGFBP-3; binding protein 29; binding protein 53; IGF-binding protein 3; growth hormone-dependent binding protein; acid stable subunit of the 140 K IGF complex |
| **Entrez Gene ID** | 3486 |
| **UniProt ID** | P17936 |

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