

## Anti-IFN-gamma receptor 1 [GR20] VivopureX 25 mg Ab01108-3.3-VXX

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2b, [Fc Silent™](#), Kappa

**Clone Number:** GR20

**Alternative Name(s) of Target:** CD119; Interferon gamma receptor 1; IFN gamma receptor 1; IFN-gamma-R1; Interferon gamma receptor alpha-chain; IFN-gamma-R-alpha

**UniProt Accession Number of Target Protein:** P15261

**Published Application(s):** Blocking, neutralizing, FC

**Published Species Reactivity:** Mouse

**Immunogen:** This antibody was raised by immunising rats with interferon gamma receptor.

**Specificity:** This antibody recognises IFN- $\gamma$ R $\alpha$ , which is a class II cytokine receptor family member that serves as a IFN- $\gamma$ -binding chain associated with the IFN- $\gamma$   $\beta$ .

**Application Notes:** This antibody is recommended as an efficient blocking agent for the interferon gamma receptor (Basu et al. 1988). It has been also used in the flow cytometric analyses of this receptor protein.

**Antibody First Published in:** Basu et al. Purification and partial characterization of a receptor protein for mouse interferon gamma. Proc Natl Acad Sci U S A. 1988 Sep;85(17):6282-6. [PMID:2970637](#)

**Note on publication:** This article describes the generation and characterization of the GR-20 antibody.

### Product Form

**Size:** 25 mg VivopureX products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. These antibodies are chimerized to have an Fc domain matching their target species to reduce immunogenicity and give you the optimal effector function for your experiment. As a result VivopureX products are the ideal choice for in vivo research applications.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS only.

**Storage Recommendation:** All VivopureX products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.

**Concentration:**  $\geq 1\text{mg}$  (see vial label for exact conc)

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.