



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-IFNAR-1 [64G12] Standard Size Ab03963-10.3

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 64G12

**Alternative Name(s) of Target:** IFN alpha receptor-1; Interferon alpha/beta receptor 2; IFN-R-2; IFN-alpha binding protein; IFN-alpha/beta receptor 2; Interferon alpha binding protein; Type I interferon receptor 2

**UniProt Accession Number of Target Protein:** P48551

**Published Application(s):** Blocking, inhibition

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with recombinant soluble interferon.

**Specificity:** The antibody is specific for human IFNAR-1. The epitope to which the antibody binds was found to include the peptide: CNFSSLKLNVE. This peptide is present in subdomain 1 of the extracellular portion of IFNAR1.

**Application Notes:** The antibody was able to inhibit the binding of labelled IFN to Daudi cells, K562 cell, HL60 cells and Ly28 cells in a dose-dependent manner. The antibody showed a dose dependent inhibition of the antiviral activity of the various subtypes of type I IFN. Further, in an antiviral assay with the Wish cells, the original antibody was demonstrated to block completely the antiviral activity of Leukocyte IFN, recombinant IFN alpha 2 and interferon from the sera of AIDS patients. The original antibody demonstrated a dose-dependent inhibition of the antiproliferative activity of interferon alpha 2 (US5919453A). The antibody was reported to bind IFNAR-1 with high affinity ( $KD=1.2 \times 10^{-9}$  M). The chimeric and humanized versions of the antibody were constructed (KR1020060011968A).

**Antibody First Published in:** PMID:

**Note on publication:**

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

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