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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-FcRn [h22-0015] Bulk Size Ab03237-10.3-BT

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 human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: h22-0015

Alternative Name(s) of Target: IgG receptor FcRn large subunit p51; FCGRT; IgG Fc fragment receptor transporter alpha chain; Neonatal Fc receptor

UniProt Accession Number of Target Protein: P55899

Published Application(s): in vitro, in vivo

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing Balb/c mice with recombinant FcRn.

Specificity: The antibody is specific for human FcRn. The neonatal Fc receptor is a cell surface receptor that transfers passive humoral immunity from the mother to the newborn.

Application Notes: The antibody was employed in blocking experiments with HEK293 cells that overexpress FcRn. The results showed that the antibody has a good effect of blocking the binding of IgG to FcRn at the cellular level (IC50: 11.4nM). The effect of the antibody was tested in human FcRn transgenic mice. The antibody was able to increase IgG catabolism in vivo by blocking FcRn binding (CN113484526).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.