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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-IGF-1 [7973 [M23]] Standard Size Ab04263-10.3

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: 7973 [M23]

Alternative Name(s) of Target: CD221; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor

UniProt Accession Number of Target Protein: P08069

Published Application(s): WB, IHC

Published Species Reactivity: Rat, Human, Mouse

Immunogen: The original antibody was raised by immunizing a mouse with IGF-1.

Specificity: This antibody is specific for IGF-1.

Application Notes: The original version of this antibody was used for immunohistochemistry on infraorbital nerve tissue. The antibody was able to stain the IGF-1 protein in the tissue (Sugawara et al., 2019; PMID: 31861182). This antibody was used for a western blot on injured or sham-treated infraorbital nerve and trigeminal ganglion (Sugawara et al., 2019; PMID: 31861182), on PC-12 cells (Wang et al., 2021; PMID: 33484421), and on hUCMSCs (Li et al., 2017; PMID: 28279229).

Antibody First Published in: Li et al. Human umbilical cord mesenchymal stem cells improve the reserve function of perimenopausal ovary via a paracrine mechanism Stem Cell Res Ther. 2017 Mar 9;8(1):55.

[PMID:28279229](#)

Note on publication: The original paper designs an experimental study in order to investigate whether the transplantation of hUCMSCs can improve the ovarian reserve function of perimenopausal rats and delay ovarian senescence.

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.