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Produktinformation



Forschungsprodukte & Biochemikalien



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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Insulin-degrading Enzyme [Fab-IDE] Bulk Size Ab00406-1.0-BT

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: Fab-IDE

Alternative Name(s) of Target: IDE; Insulin Protease

UniProt Accession Number of Target Protein: P14735

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: Human IDE.

Specificity: Binds specifically to human IDE with a K_d of 3.72 nM.

Application Notes: This antibody binds human insulin degrading enzyme, which breaks down insulin as well as amyloid peptides and is suggested to play a role in both diabetes and Alzheimer's. Antibody binding does not affect steady-state kinetics of IDE.

Antibody First Published in: McCord et al. Conformational states and recognition of amyloidogenic peptides of human insulin-degrading enzyme. Proceedings of the National Academy of Sciences of the USA 2013; 110(34):13827-13832 [PMID:23922390](#)

Note on publication: Describes the generation of an antibody against human IDE and crystallisation of the complex.

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.