



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

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] Standard Size Ab00406-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This chimeric human 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: Human F(ab)2, AbFab2™ His-Tagged, 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 Kd 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: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.