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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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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-Metarhodopsin-I [K42-IL] Standard Size Ab00394-1.4

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

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

Clone Number: K42-IL

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein: P02699

Published Application(s): ELISA

Published Species Reactivity: Bovine

Immunogen: Bovine rod cell disc membranes.

Specificity: The antibody binds specifically to the C3-loop of metarhodopsin-I with a Kd of 2.8 nM, the epitope being TGALQERSK.

Application Notes: This antibody specifically binds to the C3-loop of metarhodopsin-I, which is in equilibrium with the meta-active metarhodopsin II. The antibody stabilises the inactive metarhodopsin-I, inhibiting G-protein activation.

Antibody First Published in: Adamus et al. Use of peptides to select for anti-rhodopsin antibodies with desired amino acid sequence specificities. Peptide Research 1988; 1(1):42-47 [PMID:2485225](#)

Note on publication: Describes the generation of several monoclonal antibodies against rhodopsin using peptides for hybridoma selection.

Product Form

Size: 200 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.