



# 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

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## Anti-Metarhodopsin-I [K42-IL] Bulk Size Ab00394-1.4-BT

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:** 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.