



# 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-3K11 idiotype [AI-K11B] Bulk Size Ab03760-23.0-BT

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** AI-K11B

**Alternative Name(s) of Target:** 3K11; anti-idiotypic monoclonal antibody 3K11; opioid receptor

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Species independent

**Immunogen:** The original antibody was generated by immunizing mouse with anti-morphine antibody 3K11 conjugated with KLH.

**Specificity:** This antibody specifically binds anti-morphine antibody 3K11. It is an idiotypic antibody which exhibits the antigenic properties of morphine, binds to opioid receptors. When used for immunization, it induces the production of antibodies that specifically recognize morphine derivatives like 6-hemisuccinyl (GSM), 3-O-carboxymethyl (KMM) and 2-p-carboxy-phenylazomethyl (FAM) esters.

**Application Notes:** This antibody is capable of binding to opioid receptors on T98G human glioblastoma cells. This antibody could also recognize conjugate of mAb 3K11 - horseradish peroxidase with 6-hemisuccinyl morphine ester-BSA in an ELISA. The binding affinity of this idiotype antibody to 3K11 was determined to be  $K_d = 3.2$  nM. When rabbits were immunized with AI-K11B antibody, they generated antibodies that were capable of recognizing all tested derivatives of morphine (RU2745374).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### 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.