



# 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-Clusterin [16B5] Ab03504-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

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

**Clone Number:** 16B5

**Alternative Name(s) of Target:** CLU; APOJ; CLI; KUB1; AAG4

**UniProt Accession Number of Target Protein:** P10909

**Published Application(s):** in vitro, in vivo, inhibition, IF

**Published Species Reactivity:** Human

**Immunogen:**

**Specificity:** The antibody binds clusterin on the EMT-epitope.

**Application Notes:** The effect of the original format of the antibody was evaluated on lung metastasis in BALB/c mice with orthotopically implanted 4T1 cells. The antibody was able to significantly reduce lung metastasis (Lenferink et al., 2010; PMID: 19935703). A humanized version of the antibody was constructed. The humanized version of the antibody inhibited the EMT-inducing activity of clusterin on A549 NSCLC cells. Immunofluorescence was performed on A549 cells using this antibody to monitor E-cadherin expression. The combination of the humanized version of the antibody with erlotinib resulted in an enhanced anti-tumour effect (H1299 and H460 cells) (US9822170). AB-16B5 is a humanized IgG2 version of the antibody which specifically binds to tumour-associated clusterin and inhibits its activity. This antibody showed a good tumour inhibitory effect in in vivo application (Tremblay et al.; 2010). A phase I and phase II trial to assess safety and tolerability of AB-16B5 for the treatment of solid tumours was performed (Ferrario et al., 2017; NCT04364620).

**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.