



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-ALCAM [035-234] Bulk Size Ab04134-10.3-BT

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human scFv format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Lambda

**Clone Number:** 035-234

**Alternative Name(s) of Target:** CD166; CD166 antigen; Activated leukocyte cell adhesion molecule

**UniProt Accession Number of Target Protein:** Q13740

**Published Application(s):** ADCC, FACS

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated by panning a phage display library against ALCAM.

**Specificity:** The antibody is specific for ALCAM. ALCAM (Activated leukocyte cell adhesion molecule) is a transmembrane protein, which has a molecular weight of 100 to 105 kDa and is composed of five extracellular Ig-like domains and the intracellular terminus having 32 amino acid, and short transmembrane region. It is an immunoglobulin superfamily molecule including ten N-glycosylation sites. ALCAM is one of the adhesive molecules, is present on the activated leukocyte and is identified as a ligand molecule to CD6 molecule (which functions as a signal receptor in T cells). ALCAM also functions as an adhesion factor in homophilic (ALCAM-ALCAM) or heterophilic (ALCAM-CD6) interaction.

**Application Notes:** The antibody exhibited ADCC activity on cancer cells expressing ALCAM, such as CW2 and NCI-H441 cells. The IgG1 format of the antibody could detect ALCAM in different cancer lines (040520IT, CHOK1SV, HepG2, HLF, Caki-1, CCFRC1, ACHN, 293T, PC14, SKOV3, BT474) by FACS (US9388249B2).

**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.