



# 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-ALCAM [035-234] Bulk Size Ab04134-10.0-BT

**Isotype and Format:** Human IgG1, 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 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-bonding type sugar chain added 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 homophylic (ALCAM-ALCAM) or heterophylic (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.