



# 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-CD155 [CD155.16 ] Bulk Size Ab03901-10.3-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 IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** CD155.16

**Alternative Name(s) of Target:** PVR; PVS; NECL-5; Poliovirus receptor; Nectin-like protein 5

**UniProt Accession Number of Target Protein:** P15151

**Published Application(s):** FC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing KAC mice (KAC mouse is a genetically engineered mouse strain that expresses BAP -Biotin Accepting Peptide, sequence on constant part of kappa chain) subcutaneously with CD155-Fc fusion protein.

**Specificity:** This antibody binds human CD155 also called the poliovirus receptor (PVR). The binding of this antibody does not block binding of TIGIT to CD155/PVR. This protein mediates NK cell adhesion and triggers NK cell function. It also binds two NK cell receptors CD96 and CD226. CD155 is gaining more interest as a therapeutic target in the field of tumor immunology due to its prominent endogenous and immune functions.

**Application Notes:** This antibody was used to identify CD155 expression on U-87 MG and U-87 MG PVRhi cell lines using flow cytometry. This antibody was used in the generation of anti-CD155 -saporin and anti-CD155-diphtheria immunotoxins and were tested for its antitumor activity. Cytotoxic effect was determined by ToxiLight kit. The results suggested that the immunotoxins were successful in killing CD155 expressing tumor cells.(WO2019102456).

**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.