



# 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-CD155 [SKII.4] Bulk Size Ab03739-10.3-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:** SKII.4

**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):** ICC, IP, ELISA, FC, IF, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with SK-N-S1 human neuroblastoma cells.

**Specificity:** This antibody binds an epitope in the extracellular region human CD155 also called the poliovirus receptor (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 in staining of Daudi-PVR cells and the visualization of its interaction between NK92 using confocal microscopy (PMID: 15034010). This antibody was used in the immunohistochemical staining of cryostat sections of frozen specimens of human lymph nodes and spleen tissues. This antibody was also capable on blocking the interaction between soluble form of PVR (PVR-hFc) and WUCAM/Baf3 cells (PMID: 19197944). The biotinylated antibody can be used for the detection of soluble PVR-hFc in an ELISA (PMID: 20201043). The upregulation of PVR (CD155) in Jurkat cells, when transduced with WPI or HIV-1 NL4-3 strain (VprWT) lentivirus was studied using flow cytometry (PMID: 24045107). This antibody was used for identification of surface expression of DNAM1 ligands on MM cell lines by immunofluorescence staining. This antibody was also used of the immunoprecipitation of CD155 from ARK cell lysates (PMID: 28874810).

**Antibody First Published in:** Fuchs et al. Cutting edge: CD96 (tactile) promotes NK cell-target cell adhesion by interacting with the poliovirus receptor (CD155). J Immunol. 2004 Apr 1;172(7):3994-8.

[PMID:15034010](#)

**Note on publication:** This paper evaluates the binding interactions of CD155 (PVR) and NK cells through

another additional receptor like CD196.

## 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.