



# 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-Envelope glycoprotein B [KE5] Standard Size Ab04419-10.3

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:** KE5

**Alternative Name(s) of Target:** Glycoprotein gp58/116; UL55; gB

**UniProt Accession Number of Target Protein:** P13201; P06473

**Published Application(s):** crystallography

**Published Species Reactivity:** Human Cytomegalovirus

**Immunogen:** The original antibody was raised by immunizing a transgenic mouse with CMV.

**Specificity:** This antibody is specific for the AD-2S1 peptide (ETIYNTTLKY) of the envelope glycoprotein B.

**Application Notes:** The original antibody was used for x-ray crystallography to determine their structure (Bryson et al., 2016; PMID:27183571). The sequence of this antibody was determined using PCR and M13 and M13R primers (McLean et al., 2005; PMID:15814702).

**Antibody First Published in:** McLean et al. Recognition of human cytomegalovirus by human primary immunoglobulins identifies an innate foundation to an adaptive immune response J Immunol. 2005 Apr 15;174(8):4768-78. [PMID:15814702](#)

**Note on publication:** The original paper determined the amino acid structure of this antibody.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.