



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Anti-Envelope glycoprotein B [KE5] Bulk Size Ab04419-10.3-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: 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: 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.