



# 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-Cell surface-binding protein D8L [LA5] Standard Size Ab04437-2.0

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** LA5

**Alternative Name(s) of Target:** OPG105; D8L; VACWR113; Carbonic anhydrase homolog; Cell surface-binding protein OPG105

**UniProt Accession Number of Target Protein:** P04195

**Published Application(s):** neutralization, SPR, ELISA

**Published Species Reactivity:** Vaccinia virus

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

**Specificity:** This antibody is specific for protein D8 of the vaccinia virus. It binds above the CS-E binding crevice

**Application Notes:** The original version of this antibody was used for ELISA on recombinant D8 protein. The binding strength of this antibody was also determined using surface plasmon resonance on VAVC D8 (Matho et al., 2012; PMID:22623786). The original antibody was used for neutralization of a intracellular mature virion. It showed that is was only able to neutralize the intracellular mature virion in the present of complement (Matho et al., 2018; PMID:29123031).

**Antibody First Published in:** Matho et al. Structural and biochemical characterization of the vaccinia virus envelope protein D8 and its recognition by the antibody LA5 J Virol. 2012 Aug;86(15):8050-8.

[PMID:22623786](#)

**Note on publication:** The original paper describes the biochemical and structural characterization of one of the immunodominant vaccinia virus (VACV) antigen, D8, and its binding to the monoclonal antibody LA5.

### 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.