



# 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

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## Anti-Genome polyprotein [MA28-7] Bulk Size Ab04468-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** MA28-7

**Alternative Name(s) of Target:** VP1; Fab28-7; Capsid protein VP1; Human enterovirus 71

**UniProt Accession Number of Target Protein:** Q66479

**Published Application(s):** in vitro, IP, neutralization

**Published Species Reactivity:** Human enterovirus

**Immunogen:** The original antibody was raised by immunizing BALB/c mice with formalin-inactivated EV71 strain 1095.

**Specificity:** This antibody is specific for binds specifically to the 5-fold vertex encompassing VP1-98E and VP1-244K.

**Application Notes:** The original version of this antibody was used for a neutralization assay by preincubating the EV71 (Human enterovirus 71) virus with the antibody and then adding Vero cells. This antibody neutralized only EV71 strains B4, B3 and C2. The structure of the fab version of this antibody was determined using cryo-EM (Lee et al., 2013; PMID:23946455). This antibody was used to immunoprecipitate EV-A71-1095 capsids from solution (Nishimura et al., 2015; PMID:26430888).

**Antibody First Published in:** Lee et al. A Strain-Specific Epitope of Enterovirus 71 Identified by Cryo-Electron Microscopy of the Complex with Fab from Neutralizing Antibody J Virol. 2013 Nov; 87(21): 11363-11370. [PMID:23946455](#)

**Note on publication:** The original paper identifies the strain-specific epitope of EV71 and discusses the possible neutralization mechanisms of the 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.