



# 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-LMP1 [H11F6] Standard Size Ab03458-30.11

This is an scFv fragment with a His tag.

**Isotype and Format:** scFv fragment (His), ScFv

**Clone Number:** H11F6

**Alternative Name(s) of Target:** BNLF1; LMP-1; Latent membrane protein 1; Protein p63

**UniProt Accession Number of Target Protein:** P03230

**Published Application(s):** ELISA

**Published Species Reactivity:** Epstein Barr virus, Human herpesvirus 4

**Immunogen:** The original antibody was isolated from a human non-immune scFv phage display library by screening antibodies against a 44-mer polypeptide corresponding to the CTAR1/TES1 site of LMP1 (TES1 polypeptide).

**Specificity:** This antibody specifically binds the CTAR1/TES1 (C terminus activation region 1/transformation effector site 1) which comprises the membrane-most proximal 34 amino acids (amino acid residues 196–231) of carboxy-terminal cytoplasmic tail of the oncogenic latent membrane protein 1 of the Epstein-Barr virus (EBV). EBV latent membrane protein 1 (LMP1) is essential to virus-induced B cell immortalization and the downregulation of cell adhesion molecules that increases cell motility. It acts as a CD40 functional homolog to prevent apoptosis of infected B-lymphocytes and drive their proliferation.

**Application Notes:** The binding characterization of this antibody to the TES1 polypeptide of the LMP1 protein of Epstein-Barr virus was done using ELISA. This antibody can selectively block F-LMP1-induced NFkappaB activity that was mediated through the TES1-site and to bind LMP1 protein with high efficiency (PMID: 14659750).

**Antibody First Published in:** Gennari et al. Direct phage to intrabody screening (DPIS): demonstration by isolation of cytosolic intrabodies against the TES1 site of Epstein Barr virus latent membrane protein 1 (LMP1) that block NF-kappaB transactivation. J Mol Biol. 2004 Jan 2;335(1):193-207. [PMID:14659750](#)

**Note on publication:** Describes the isolation of an intrabody that specifically binds the TES1 polypeptide of the Epstein-Barr virus.

### Product Form

**Size:** 50 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.