



# 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-HLA/EBNA1 [anti-HLA-A0201/EBNA1 antibody] Standard Size Ab03797-10.3

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:** anti-HLA-A0201/EBNA1 antibody

**Alternative Name(s) of Target:** Epstein-Barr nuclear antigen 1; EBV nuclear antigen 1

**UniProt Accession Number of Target Protein:** P03211

**Published Application(s):** SPR, FC, IHC

**Published Species Reactivity:** Epstein-Barr virus

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with EBV nuclear antigen 1 (EBNA1) protein of Epstein Barr virus.

**Specificity:** The antibody targets Epstein-Barr virus (EBV) associated tumor cells by binding to HLA/EBNA1 peptide complexes. The antibody recognizes EBNA1 epitope presented on HLA-A0201, HLA-A203, HLA-A0206 and HLA-A0207. Epstein-Barr Virus (EBV) is a ubiquitous human herpesvirus, which is found as a predominantly asymptomatic infection in all human communities. EBV has been linked to numerous human tumours of diverse tissue origin.

**Application Notes:** The antibody is specific for EBV-EBNA-1, as detected by FC. The binding affinity of the original format of the antibody to HLA-A0201/EBNA-1 was measured by surface plasmon resonance (Kd= 6.02nM). This antibody was used for detection of HLA-A0201/EBNA1 complexes expressed on CCRF-SB and RPMI6666 tumour cells by flow cytometry. The antibody was used for immunological staining of EBV infected-HLA-A0201 positive nasopharyngeal carcinoma (NPC) biopsy. This biopsy was observed to stain positive for HLA-A0201/EBNA1 complexes (WO2015199617A1).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### 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.