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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

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Anti-HLA/EBNA1 [anti-HLA-A0201/EBNA1 antibody] Standard Size Ab03797-10.0

Isotype and Format: Human IgG1, 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 ($K_d = 6.02\text{nM}$). 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.