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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-HLA/EBNA1 [anti-HLA-A0201/EBNA1 antibody] Bulk Size Ab03797-10.3-BT

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: 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.