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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-Genome polyprotein [C3] Standard Size Ab04411-2.3

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 mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: C3

Alternative Name(s) of Target: Genome polyprotein; Capsid protein VP1; Virion protein 1

UniProt Accession Number of Target Protein: P03300

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

Published Species Reactivity: Poliovirus type 1

Immunogen: The original antibody was raised by immunizing a mouse with heat-inactivated poliovirus.

Specificity: This antibody is specific for the VP1 protein of poliovirus type 1.

Application Notes: The original antibody was used for a neutralization assay on poliovirions. Further this antibody was used for an attachment assay on HeLa cells and poliovirions (Wien et al., 1995; PMID:75397110). This antibody showed specificity for the VP1 protein of the type 1 poliovirus in immunoprecipitation of VP1, VP2 and VP3 of the type 1 poliovirus (Blondel et al., 1983; PMID:6190311, Van der Werf et al., 1983; PMID:6308670).

Antibody First Published in: Blondel et al. Detection by monoclonal antibodies of an antigenic determinant critical for poliovirus neutralization present on VP1 and on heat-inactivated virions *Virology*. 1983 Apr 30;126(2):707-10. [PMID:6190311](#)

Note on publication: The original paper established hybridoma cell lines against poliovirus type 1 (Mahoney) heat-denatured virions (C particles).

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.