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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-Hairpin DNA [DNA-1] Standard Size Ab00415-23.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, [Fc Silent™](#), Kappa

Clone Number: DNA-1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA

Published Species Reactivity:

Immunogen: Derived from bacteriophage display library of IgG fragments derived from the immunoglobulin repertoire of an autoimmune SLE-like MRL7/lpr mouse.

Specificity: Binds to hairpin-ssDNA; the DNA-fragment-ligand used is 5'-d [CTG(CCTT)CAG]-3'.

Application Notes: This antibody binds to single-stranded hairpin DNA, which is a secondary structural feature of DNA relevant in replication, bacterial conjugation or viral infections.

Antibody First Published in: Ou et al. Impact of DNA hairpin folding energetics on antibody-ssDNA association. Journal of Molecular Biology 2007; 374(4)1029-1040 [PMID:18028946](#)

Note on publication: Describes the generation of a monoclonal antibody against hairpin-DNA and subsequent crystallisation.

Product Form

Size: 200 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.