



# 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-Hairpin DNA [DNA-1] Bulk Size Ab00415-23.3-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 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 MRL7lpr 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:** 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.