

Anti-Quadruplex DNA [5C10] Standard size

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Description: Recombinant monoclonal antibody to Quadruplex DNA. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 5C10.

Isotype and Format: Rabbit IgG, kappa

Clone Number: 5C10

UniProt Accession Number of Target Protein:

Published Application(s): ELISA; IHC

Published Species Reactivity: Mammals

Immunogen: Oxy-2 or d(TTTTGGGG)₂

Specificity: This antibody binds to quadruplex DNA with a K_d of 24.4 nM. Binds only to the Oxy-2 type.

Antibody First Published in:

Henderson et al. Nucleic Acids 2014; 42(2):860-869 [PMID:24163102](#) **Note on publication:**

Describes the generation of several G4-DNA-specific monoclonal antibodies and how these can be used for nuclear staining.

Product Form

This is a Standard size product. 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: See vial label

Product Code: Ab00393-23.0

Rabbit IgG

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.