

Anti-DARC [2C3] Bulk Size Ab00893-13.12-BT

This chimeric human 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: Human IgG4-S228P, Kappa

Clone Number: 2C3

Alternative Name(s) of Target: Fy6; Duffy Antigen Receptor for Chemokines; NaM185-2C3

UniProt Accession Number of Target Protein: Q4VBN9

Published Application(s): Blocking, ELISA, FC

Published Species Reactivity: Human

Immunogen: CHO cells transfected with cDNA encoding the Duffy glycoprotein.

Specificity: The antibody binds specifically to the pentapeptide FEDVW of the Duffy receptor.

Application Notes: The antibody binds to DARC, a glycoprotein chemokine receptor and the only known receptor for Plasmodium vivax.

Antibody First Published in: Wasniowska et al. Structural characterization of the epitope recognized by the new anti-Fy6 monoclonal antibody NaM 185-2C3. Transfusion Medicine 2002; 12(3):204-211

[PMID:12164140](#)

Note on publication: Describes the characterization of of the 2C3-epitope and how the antibody inhibits interleukin-8 binding to the Duffy receptor.

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.