antibodies - online.com







Recombinant anti-DARC antibody

Images



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| Overview | | |
|--|--|--|
| Quantity: | 200 μg | |
| Target: | DARC | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Antibody Type: | Recombinant Antibody | |
| Clonality: | Chimeric | |
| Conjugate: | This DARC antibody is un-conjugated | |
| Application: | ELISA, Flow Cytometry (FACS), Blocking Peptide (BP) | |
| Product Details | | |
| | | |
| Immunogen: | CHO cells transfected with cDNA encoding the Duffy glycoprotein. | |
| Immunogen: Clone: | CHO cells transfected with cDNA encoding the Duffy glycoprotein. 2C3 | |
| | | |
| Clone: | 2C3 | |
| Clone: | 2C3 IgG kappa | |
| Clone: | 2C3 IgG kappa Original Species of Ab: Mouse | |
| Clone: Isotype: Characteristics: | 2C3 IgG kappa Original Species of Ab: Mouse Original Format of Ab: IgG1 | |
| Clone: Isotype: Characteristics: Purification: | 2C3 IgG kappa Original Species of Ab: Mouse Original Format of Ab: IgG1 | |
| Clone: Isotype: Characteristics: Purification: Target Details | IgG kappa Original Species of Ab: Mouse Original Format of Ab: IgG1 Purified antibody. | |

Target Details

| Background: | Fy6, Duffy Antigen Receptor for Chemokines, NaM185-2C3 |
|-------------|--|
| UniProt: | Q4VBN9 |

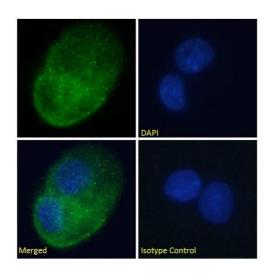
Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|---|
| Comment: | 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. |
| Restrictions: | For Research Use only |

Handling

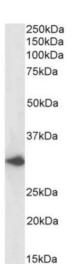
| Buffer: | PBS with 0.02 % Proclin 300. | |
|--------------------|---|--|
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |
| Storage Comment: | Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. | |

Images



Immunofluorescence

Image 1. Immunofluorescence staining of fixed HepG2 cells with anti-DARC antibody 2C3. Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on Shi-fix™ coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of 2C3 (ABIN7072437) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (1 µg/mL), showing cytoplasmic staining, likely of endosomes, and some membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072437, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor®488



secondary antibody.

Western Blotting

Image 2. Western Blot using anti-DARC antibody 2C3. Human liver lysate samples ($35\,\mu g$ protein in RIPA buffer) were resolved on a 10 % SDS PAGE gel and blots probed with the chimeric rabbit version of 2C3 (ABIN7072437) at 0.03 μg /mL before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for DARC is $35.6\,k$ Da. ABIN7072437 successfully detected DARC in human liver lysate.