

FITC Anti-CD38 antibody [FS02] ab1173

5 References

Overview

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| Product name | FITC Anti-CD38 antibody [FS02] |
| Description | FITC Mouse monoclonal [FS02] to CD38 |
| Host species | Mouse |
| Conjugation | FITC. Ex: 493nm, Em: 528nm |
| Specificity | This antibody reacts with a type II membrane glycopeptide with a transmembrane sequence near the NH2-terminus. |
| Tested applications | Suitable for: ELISA |
| Species reactivity | Reacts with: Human |
| Immunogen | Full length protein corresponding to Human CD38. Database link: P28907 |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | Preservative: 0.1% Sodium azide Constituent: 0.5% BSA |
| Clonality | Monoclonal |
| Clone number | FS02 |
| Myeloma | unknown |
| Isotype | IgG1 |
| Light chain type | unknown |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab1173 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| ELISA | | Use at an assay dependent concentration. |

Target

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|-----------------------|--|
| Function | Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system. |
| Tissue specificity | Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. |
| Sequence similarities | Belongs to the ADP-ribosyl cyclase family. |
| Developmental stage | Preferentially expressed at both early and late stages of the B and T-cell maturation. It is also detected on erythroid and myeloid progenitors in bone marrow, where the level of surface expression was shown to decrease during differentiation of blast-forming unit E to colony-forming unit E. |
| Cellular localization | Membrane. |
| Form | There are 2 isoforms produced by alternative splicing. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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