

Technical Data Sheet

FlowMAb FITC anti-mouse F4/80



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Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: FM0206-FITC
Clone: Cl:A3-1
Isotype: Rat IgG2b, κ
Conjugation: FITC
Excitation Source: Blue 488 nm
Excitation Max: 494 nm
Emission Max: 518 nm
Immunogen: C57BL/6 mouse thioglycollate stimulated peritoneal macrophages
Reported Applications: Immunohistochemistry (paraffin) Immunohistochemistry (frozen) Flow cytometry
Formulation: PBS, pH 7.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_10949019](https://abnova.com/AB_10949019)

Description

The Cl:A3-1 monoclonal antibody reacts with mouse F4/80, also known as EMR1. F4/80 is a 160 kDa membrane glycoprotein belonging to the EGF-TM7 family. F4/80 is expressed on most tissue macrophages, including peritoneal, lung, gut, thymus, and splenic red pulp macrophages, as well as Kuffer cells, Langerhans cells, bone marrow stromal cells, and a subset of dendritic cells. F4/80's cognate ligand has not been identified; however, studies in mice have shown that F4/80 is important for cytokine production and inducing regulatory T cells. This fluorescein isothiocyanate (FITC)-conjugated version of the antibody is useful for flow cytometry, immunofluorescence, immunohistochemistry (frozen), and immunohistochemistry (paraffin).

Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light . **Do not freeze.**

Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

Application References

For a complete list of references, visit https://bioxcell.com/fm0206-fitc?bxcs=9k1b3a#tab_references or scan the QR code below.



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