

FITC Anti-Human IgM Fc fragment antibody [CH2] ab239227

[3 Images](#)

Overview

Product name	FITC Anti-Human IgM Fc fragment antibody [CH2]
Description	FITC Mouse monoclonal [CH2] to Human IgM Fc fragment
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	The antibody CH2 reacts with Fc fragment of human IgM.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human IgM Fc fragment. Purified.
Positive control	Flow Cyt: Human peripheral blood cells.
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. Store In the Dark.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.0975% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Size exclusion
Purification notes	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Clonality	Monoclonal

Clone number CH2
Isotype IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239227 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

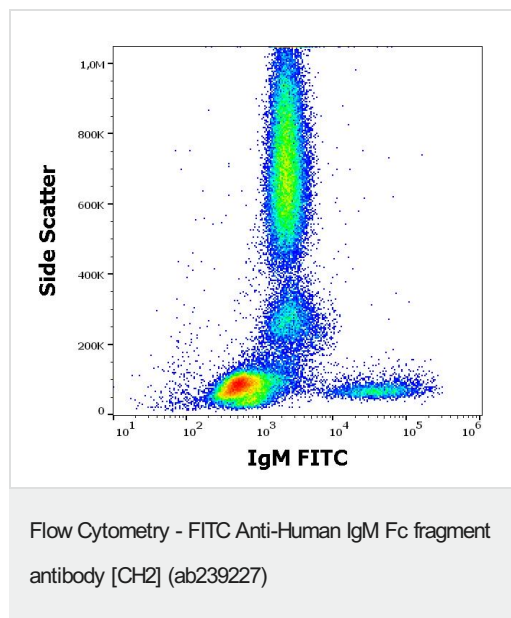
Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 µg/ml.

Target

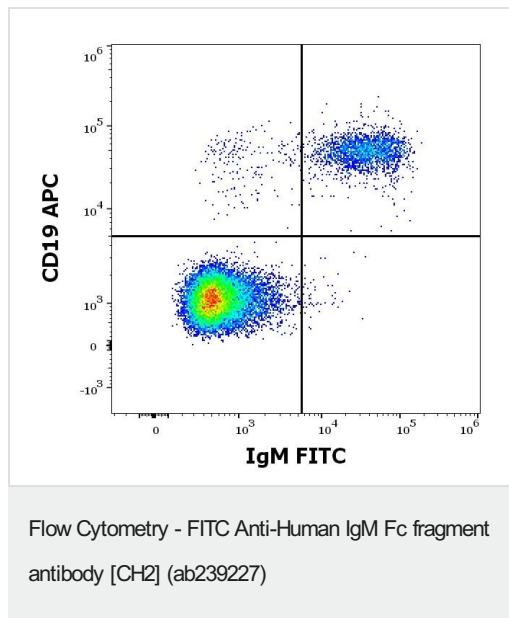
Relevance Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days.

Cellular localization Cell Membrane and Secreted

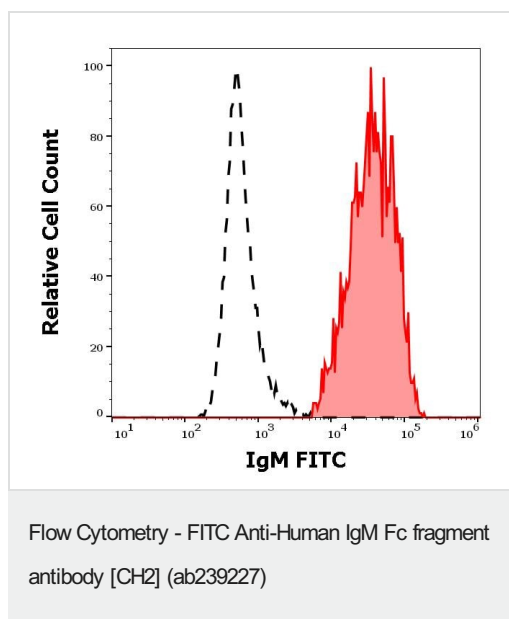
Images



Flow cytometry analysis of human peripheral whole blood labeling human IgM Fc fragment with ab239227 at 1 µg/mL.



Flow cytometry analysis of human peripheral whole blood labeling human IgM Fc fragment with ab239227 at 1 µg/mL. CD19 labeled using anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry analysis of human peripheral whole blood labeling human IgM Fc fragment with ab239227 at 1 µg/mL. Histogram shows separation of human IgM positive CD19 positive B-cells (red-filled) from IgM negative CD19 negative lymphocytes (black-dashed).

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

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