

## Product Datasheet

### IgG (Fc) Antibody (FITC) (orb44869)

<b>Catalog Number</b>	orb44869
<b>Category</b>	Antibodies
<b>Description</b>	Mouse Monoclonal to Human IgG (Fc).
<b>Target</b>	IgG (Fc)
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG1
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Human
<b>Concentration</b>	0.1 mg/ml
<b>Buffer/Preservatives</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Purification</b>	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Immunogen</b>	Fusion protein of human IgG Fc fragment.
<b>RRID</b>	AB_10991717
<b>Tested applications</b>	FC
<b>Application notes</b>	Flow cytometry: Recommended dilution: 1-4 µg/ml.
<b>Specificity</b>	The mouse monoclonal antibody EM-07 reacts with Fc part of human heavy chain of secreted IgG antibodies and with isolated Fc fragments. It does not react with IgG Fc domain in a complex of BCR (B cell antigen receptor).

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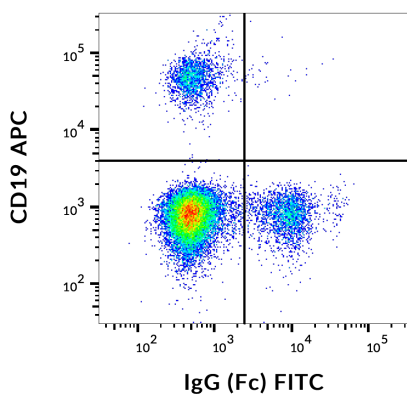
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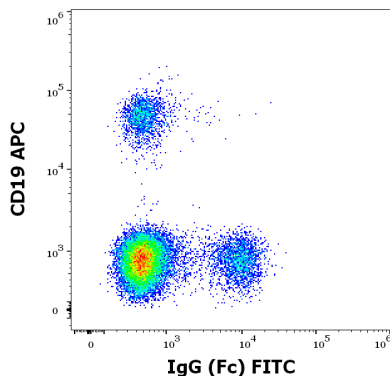
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	EM-07
<b>Storage</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>35</b>
<b>Expiration Date</b>	12 months from date of receipt.



Flow cytometry analysis (surface staining) of human peripheral blood using anti-IgG (Fc), clone EM-07, FITC.



Flow cytometry multicolor surface staining pattern of human lymphocytes using anti-human IgG (Fc) (EM-07) FITC antibody (3 µl reagent / 100 µl of peripheral whole blood) and anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

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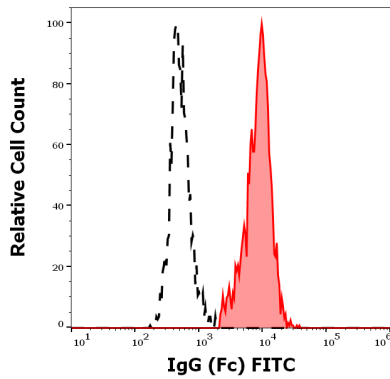
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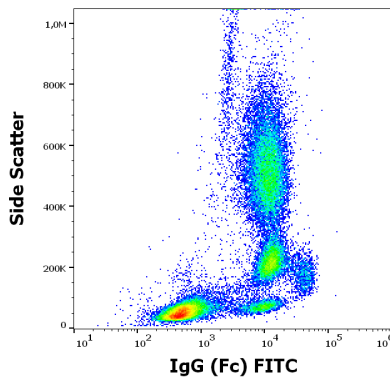
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Separation of human IgG (Fc) positive CD19 negative lymphocytes (red-filled) from CD19 positive IgG (Fc) negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human IgG (Fc) (EM-07) FITC antibody (3  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human IgG (Fc) (EM-07) FITC antibody (3  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood).

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