

Product Datasheet

IgG (Fc) Antibody (FITC) (orb44869)

Catalog Number	orb44869
Category	Antibodies
Description	Mouse Monoclonal to Human IgG (Fc).
Target	IgG (Fc)
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	FITC
Reactivity	Human
Concentration	0.1 mg/ml
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	Fusion protein of human IgG Fc fragment.
RRID	AB_10991717
Tested applications	FC
Application notes	Flow cytometry: Recommended dilution: 1-4 µg/ml.
Specificity	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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7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

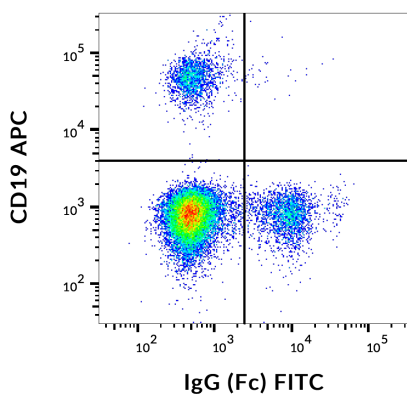
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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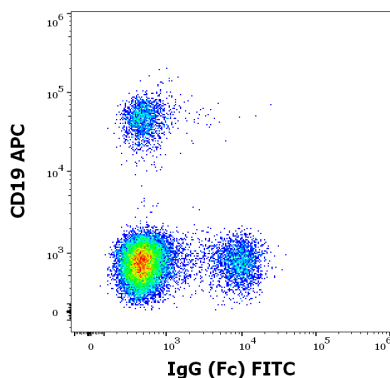
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Antibody Type	Primary Antibody
Clone Number	EM-07
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	35
Expiration Date	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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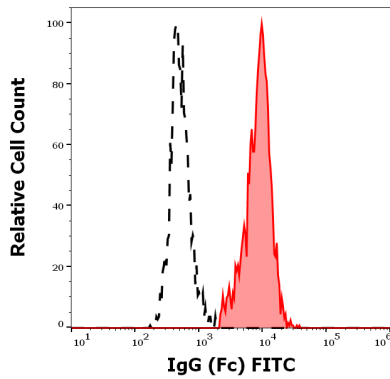
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

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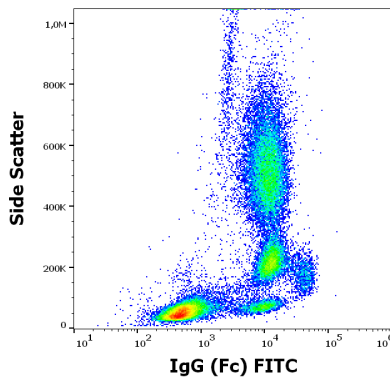
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Separation of human IgG (Fc) positive CD19 negative lymphocytes (red-filled) from CD19 positive IgG (Fc) negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human IgG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

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