

Product Datasheet

CD32 Antibody (FITC) (orb1881235)

Catalog Number	orb1881235
Category	Antibodies
Description	CD32 Antibody (FITC)
Target	CD32
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	FITC
Reactivity	Human
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	purified glycosylated recombinant human FcγRIIa2
UniProt ID	P12318
Tested applications	FC
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

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Specificity

The mouse monoclonal antibody 3D3 recognizes an extracellular epitope of CD32, a 40 kDa polymorphic transmembrane glycoprotein serving as the low affinity receptor for aggregated IgG. This antibody recognizes CD32 isoforms on B cells of all donors, but on platelets, monocytes, and granulocytes of only some donors (131R variant, but not 131H variant).

Clone Number

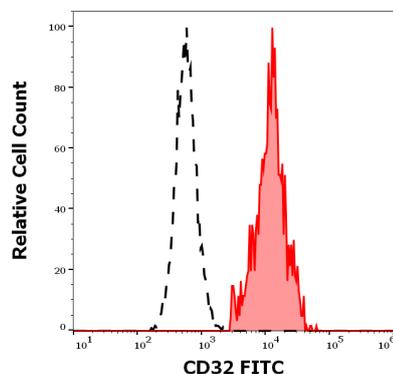
3D3

Storage

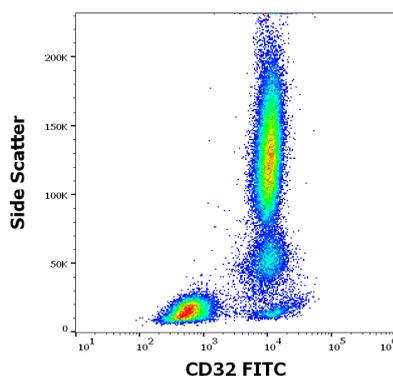
Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Note

For research use only

Entrez**2212**

Separation of human CD32 positive lymphocytes (red-filled) from CD32 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD32 (3D3) FITC antibody (4 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD32 (3D3) FITC antibody (4 µl reagent / 100 µl of peripheral whole blood).

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