

Product Datasheet

CD231 Antibody (FITC) (orb545686)

Catalog Number	orb545686
Category	Antibodies
Description	Mouse monoclonal antibody against CD231 conjugated to FITC
Target	CD231
Clonality	Monoclonal
Isotype	Mouse IgG1
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	Human T-ALL cell line THP-6
UniProt ID	P41732
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.
Specificity	The mouse monoclonal antibody B2D recognizes an extracellular epitope of CD231 (TALLA-1, tetraspanin 7), a transmembrane glycoprotein expressed in neuronal tissue and T-ALL.

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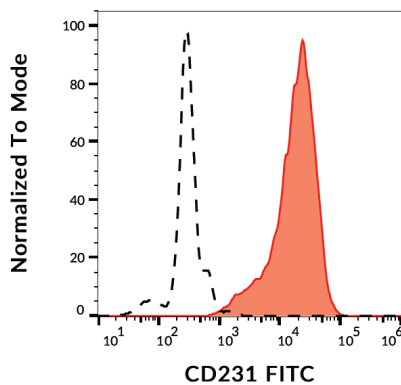
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Antibody Type	Primary Antibody
Clone Number	B2D
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	7102
Expiration Date	12 months from date of receipt.



Separation of JURKAT cells (red-filled) from human peripheral whole blood cells (black-dashed) in flow cytometry analysis (surface staining) using anti-human CD231 (B2D) FITC antibody (4 µl reagent per milion cells in 100 µl of cell suspension).

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