

Product Datasheet

CD231 Antibody (APC) (orb545688)

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| Catalog Number | orb545688 |
| Category | Antibodies |
| Description | Mouse monoclonal antibody against CD231 conjugated to APC |
| Target | CD231 |
| Clonality | Monoclonal |
| Isotype | Mouse IgG1 |
| Conjugation | APC |
| Reactivity | Human |
| Buffer/Preservatives | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Purification | Purified antibody is conjugated with activated allophycocyanin (APC) 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 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 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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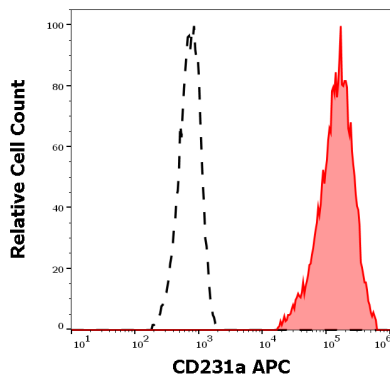
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|------------------------|--|
| Antibody Type | Primary Antibody |
| Clone Number | B2D |
| Storage | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. |
| Note | For research use only |
| Entrez | 7102 |
| Expiration Date | 12 months from date of receipt. |



Separation of Jurkat cells stained using anti-human CD231 (B2D) APC antibody (10 µl reagent per million cells in 100 µl of cell suspension, red-filled) from Jurkat cells unstained by primary antibody (black-dashed) in flow cytometry analysis (surface staining).

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