

Technical Data Sheet

Product **Anti-Hu CD231 Alexa Fluor[®] #174 647**
Cat. Number/Size **A6-200-T100 100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	CD231
Clone	B2D
Format	Alexa Fluor [®] #174 647
Reactivity	Human
Application	FC (QC tested), WB
Application details	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.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1
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.
Other names	TSPAN7, TALLA-1, MXS1, MRX58, TM4SF2
Immunogen	Human T-ALL cell line THP-6
Entrez Gene ID	7102
Gene name	TSPAN7
NCBI Full Gene Name	tetraspanin 7
UniProt ID	P41732

Preparation	The purified antibody is conjugated with Alexa Fluor [®] 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References www.exbio.cz

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