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30-2616: Anti-Human CD231 Antibody (Clone : B2D)

Clonality :	Monoclonal
Clone Name :	B2D
Application :	FACS , IP, WB, IHC
Reactivity :	Human
Gene :	TSPAN7
Gene ID :	7102
Format :	Purified
Alternative Name :	TSPAN7, TALLA-1, MXS1, MRX58, TM4SF2,tetraspanin 7
Isotype :	Mouse IgG1
Immunogen Information :	Human T-ALL cell line THP-6

Description

CD231 (TALLA-1, T-ALL-asociated antigen 1), also known as tetraspanin 7, is a 150 kDa (under reducing conditions 32-45 kDa) transmembrane glycoprotein of tetraspanin family, expressed in T-type acute lymphoblastic leukemia, neuroblastoma, and neuronal tissue. Mutations of CD231 gene are associated with X-linked mental retardation, HuntingtonÂ´s chorea, and myotonic dystrophy. CD231 interacts with integrins and may have a role in the control of neurite outgrowth. Antibodies to CD231 are important for detection of T-ALL and are potential targets of its treatment.
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.

Product Info

Amount :	0.1 mg
Purification :	Purified from cell culture supernatant by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

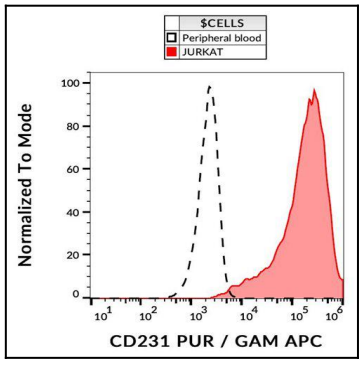

Figure 1 : Flow cytometry analysis (surface staining) of CD231 in JURKAT cells with anti-CD231 (B2D) purified, GAM-APC.

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