.-online.com antibodies

Datasheet for ABIN6559816 anti-Tetraspanin 7 antibody

Image

Co to Product page

Overview

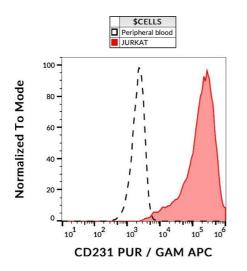
Quantity:	0.1 mg
Target:	Tetraspanin 7 (TSPAN7)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tetraspanin 7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Human T-ALL cell line THP-6
Clone:	B2D
Isotype:	lgG1
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.
Cross-Reactivity (Details):	Human, Other not determined
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6559816 | 03/05/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Target:	Tetraspanin 7 (TSPAN7)
Alternative Name:	CD231 (TSPAN7 Products)
Background:	Tetraspanin 7,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, Huntington'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.,TSPAN7, TALLA-1, MXS1, MRX58, TM4SF2
Gene ID:	7102
UniProt:	P41732
Application Details	
Application Notes:	Immunohistochemistry: Positive control: brain. Flow cytometry: Recommended dilution: 1-4 µg/mL
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6559816 | 03/05/2024 | Copyright antibodies-online. All rights reserved.