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Datasheet for ABIN1981876 anti-LRRC32 antibody

1 Image

1 Publication



Overview

Quantity:	0.1 mg
Target:	LRRC32
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRRC32 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

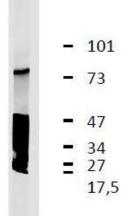
Immunogen:	Purified human sGARP protein
Clone:	GARP5
lsotype:	lgG1
Specificity:	The mouse monoclonal antibody GARP5 recognizes GARP / LRRC32, an approximately 80 kDa glycoprotein expressed e.g. on the surface of megakaryocytes, platelets and activated Treg cells.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

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Target Details

Target:	LRRC32
Alternative Name:	GARP / LRRC32 (LRRC32 Products)
Background:	Leucine rich repeat containing 32,GARP (glycoprotein A repetitions predominant protein), also
	known as garpin or LRRC32 (leucin-rich repeat containing protein 32) is an approximately 80
	kDa transmembrane glycoprotein detected on the surface of megakaryocytes, platelets, and
	activated Treg cells. It binds to the latency-associated peptide (LAP) domain of pro-TGF beta
	and regulates its storage and activation. The expression of GARP on Treg cells seems to be
	necessary for their suppressive functions.,GARP, D11S833E
Gene ID:	2615
UniProt:	Q14392
Pathways:	Activated T Cell Proliferation
Application Details	
Application Notes:	Western blotting: Recommended dilution: 1-2 μ g/mL, positive control: human thrombocytes,
	reducing conditions
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.
Handling Advice:	Do not freeze. Do not use after expiration date stamped on vial label.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.
Publications	
Product cited in:	Wang, Zhu, Dong, Shi, Lu, Springer: "GARP regulates the bioavailability and activation of TGF?.
	in: Molecular biology of the cell , Vol. 23, Issue 6, pp. 1129-39, (2012) (PubMed).

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Western Blotting

Image 1. Western Blotting analysis (reducing conditions) of GARP antigen and its degradatory products in lysate of human thrombocytes by anti-GARP monoclonal antibody (GARP5).