.-online.com antibodies

Datasheet for ABIN968230 anti-SCARB1 antibody (AA 104-294)

2 Images

4 Publications



Overview

Quantity:	50 µg
Target:	SCARB1
Binding Specificity:	AA 104-294
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SCARB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Human CLA-1 aa. 104-294
Clone:	25-CLA
lsotype:	lgG1
Characteristics:	 Since applications vary, each investigator should titrate the reagent to obtain optimal results. Please refer to us for technical protocols. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
	4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

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 1/4 | Product datasheet for ABIN968230 | 02/13/2024 | Copyright antibodies-online. All rights reserved.

Target Details

Target:	SCARB1
Alternative Name:	CLA-1 (SCARB1 Products)
Background:	CLA-1 (CD36 and LIMPII Analogous-1) is member of a novel gene family that includes CD36,
	LIMPII, and SR-BI. CD36 is a cell surface glycoprotein that binds to collagen type I and
	thrombospondin. LIMPII (lysosomal integral membrane protein II), as its name suggests, is
	expressed on the membrane of lysosomes. SR-BI (scavenger receptor type B class I) is involved
	in the selective uptake of cholesterol esters. These proteins include two membrane-anchoring
	regions, two short cytoplasmic tails, and a large extracellular/luminal domain. CLA-1 mRNA is
	detected in a wide range of tissues including adrenal glands, liver, and testis. Its expression and
	similarity with other family members suggest it may play a role in HDL metabolism. However,
	identification of the CLA-1 receptor on monocytes indicates additional CLA-1 functions in
	leukocytes.
	Synonyms: CD36 and LIMPII Analogous-1
Molecular Weight:	80 kDa
Pathways:	Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Lipid Metabolism, SARS-CoV-2
	Protein Interactome

Application Details

– .	
Handling	
Restrictions:	For Research Use only
Comment:	Related Products: ABIN968535, ABIN967389

Format:	Liquid
Concentration:	250 µg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤ 0.09 % 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:	-20 °C
Storage Comment:	Store undiluted at -20°C.

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 2/4 | Product datasheet for ABIN968230 | 02/13/2024 | Copyright antibodies-online. All rights reserved. Product cited in:

Lasley, Narayan, Uittenbogaard, Smart: "Activated cardiac adenosine A(1) receptors translocate out of caveolae." in: **The Journal of biological chemistry**, Vol. 275, Issue 6, pp. 4417-21, (2000) (PubMed).

Kozarsky, Donahee, Rigotti, Iqbal, Edelman, Krieger: "Overexpression of the HDL receptor SR-BI alters plasma HDL and bile cholesterol levels." in: **Nature**, Vol. 387, Issue 6631, pp. 414-7, (1997) (PubMed).

Acton, Rigotti, Landschulz, Xu, Hobbs, Krieger: "Identification of scavenger receptor SR-BI as a high density lipoprotein receptor." in: **Science (New York, N.Y.)**, Vol. 271, Issue 5248, pp. 518-20 , (1996) (PubMed).

Calvo, Vega: "Identification, primary structure, and distribution of CLA-1, a novel member of the CD36/LIMPII gene family." in: **The Journal of biological chemistry**, Vol. 268, Issue 25, pp. 18929-35, (1993) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of CLA-1 on a HeLa cell lysate (Human cervical epitheloid carcinoma, ATCC CCL-2.2). Lane 1: 1: 500, lane 2: 1:1000, lane 3: 1:2000 dilution of the mouse anti-human CLA-1 antibody.

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 3/4 | Product datasheet for ABIN968230 | 02/13/2024 | Copyright antibodies-online. All rights reserved.



Immunofluorescence

Image 2. Immunofluorescence staining of human endothelial cells.

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 4/4 | Product datasheet for ABIN968230 | 02/13/2024 | Copyright antibodies-online. All rights reserved.