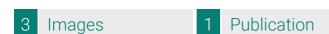
antibodies -online.com





Datasheet for ABIN2716387

anti-ARNTL antibody





Go to Product page

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Overview	
Quantity:	0.1 mL
Target:	ARNTL
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)
Product Details	
Immunogen:	Full length human recombinant protein of human ARNTL (NP_001169) produced in HEK293T
	cell.
Clone:	1D1
Isotype:	lgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography
Target Details	
Target:	ARNTL
Alternative Name:	ARNTL (ARNTL Products)
Molecular Weight:	68.5 kDa
Gene ID:	406

Target Details

NCBI Accession:	NM_001178
HGNC:	406
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Protein targeting to Nucleus, Warburg Effect

Application Details

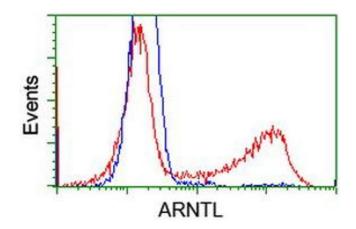
Application Notes:	WB 1:500, IF 1:100, FLOW 1:100
Comment:	The concentration of the product may vary between diferrent lots.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5-1.0 mg/mL
Buffer:	PBS (PH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % 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.

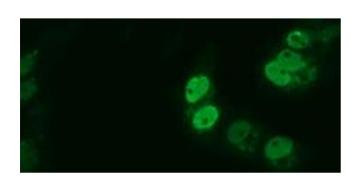
Publications

Product cited in:	Lou, Fan, Cui, Zhu, Gu, Zhang: "Fluorescent Nanoprobes with Oriented Modified Antibodies to
	Improve Lateral Flow Immunoassay of Cardiac Troponin I." in: Analytical chemistry , Vol. 90,
	Issue 11, pp. 6502-6508, (2019) (PubMed).



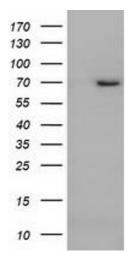
Flow Cytometry

Image 1. HEK293T cells transfected with either RC207870 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ARNTL antibody (ABIN2452787), and then analyzed by flow cytometry.



Immunofluorescence

Image 2. Anti-ARNTL mouse monoclonal antibody (ABIN2452787) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARNTL (RC207870).



Western Blotting

Image 3. HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARNTL (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 μg per lane) were separated by SDS-PAGE and immunoblotted with anti-ARNTL.