Datasheet for ABIN872754

anti-ACP5 antibody (AA 101-200)

1 Publication

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Overview

Quantity:	100 µL
Target:	ACP5
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tartrate-resistant acid phosphatase type 5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ACP5
Alternative Name:	ACP5 (ACP5 Products)

Target Details

Background:	Synonyms: TRAP, SPENCDI, Tartrate-resistant acid phosphatase type 5, TR-AP, Tartrate-resistant acid ATPase, TrATPase, Type 5 acid phosphatase, ACP5, TRACP5a, TRACP5b Background: Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias.
Gene ID:	54
UniProt:	P13686
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Sun, Zhao, Li, Wang, Nie, Peng, Wang, Zhang, Tian, Li, Song, Wang, Xu, Tian, Zhao, Xu, Zhong, Han, Ling, Chang, Li: "Osteoclast-derived microRNA-containing exosomes selectively inhibit osteoblast activity." in: **Cell discovery**, Vol. 2, pp. 16015, (2016) (PubMed).