Datasheet for ABIN910001

anti-Acid Phosphatase antibody (AA 71-158) (Alexa Fluor 555)

Go to Product page

Overview

Quantity:	100 µL
Target:	Acid Phosphatase (ACP)
Binding Specificity:	AA 71-158
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acid Phosphatase antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Acid Phosphatase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Acid Phosphatase (ACP)
Alternative Name:	Acid Phosphatase (ACP Products)

Target Details

Background:	Synonyms: Acid phosphatase 1 soluble, Acid phosphatase of erythrocyte, Adipocyte acid phosphatase, Cytoplasmic phosphotyrosyl protein phosphatase, HAAP, Low molecular weight phosphotyrosine protein phosphatase, PAP1, PAP2, Protein tyrosine phosphatase, PTPase, Purple acid phosphatase, Red cell acid phosphatase 1, PPAC_HUMAN. Background: Phosphatase enzymes catalyse hydrolysis of phosphoric acid esters of various alcohols, e.g. a hexose phosphate, to yield the alcohol and free inorganic phosphate. This may be a way of recycling phosphate in the cell, and the level of phosphate may be elevated under conditions of phosphate starvation (in algae for example). Acid phosphatases have pH optima below 7, whereas alkaline phosphatases are most active above pH 7. Commercial quantities of acid phosphatase are obtained from plant sources e.g. potato and wheat germ, whereas similar quantities of alkaline phosphatase are obtained from animal intestine and bacteria.
Gene ID:	5068

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months