

ARG56194 anti-ACP5 / TRAcP antibody [ACP5/1070]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [ACP5/1070] recognizes ACP5 / TRAcP
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	ACP5/1070
Isotype	IgG2b, kappa
Target Name	ACP5 / TRAcP
Species	Human
Immunogen	Recombinant full-length human TRAcP protein.
Conjugation	Un-conjugated
Alternate Names	Tartrate-resistant acid ATPase; SPENCDI; TrATPase; TR-AP; EC 3.1.3.2; Type 5 acid phosphatase; TRAP; HPAP; Tartrate-resistant acid phosphatase type 5

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

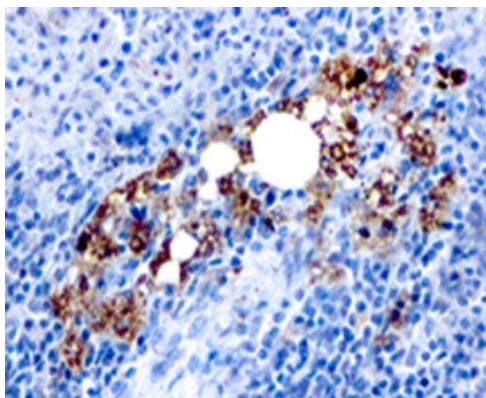
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ACP5
Gene Full Name	acid phosphatase 5, tartrate resistant
Background	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq, Aug 2008]
Function	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. [UniProt]
Calculated Mw	37 kDa
Cellular Localization	Cytoplasmic (lysosomes)

Images



ARG56194 anti-ACP5 / TRAcP antibody [ACP5/1070] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human spleen stained with ARG56194 anti-ACP5 / TRAcP antibody [ACP5/1070].