



TRAP mouse mAb(ABT522)

Catalog No	YP-Ab-15628
Isotype	IgG
Reactivity	Human; Predict react with Mouse, Rat
Applications	IHC;IF
Gene Name	ACP5
Immunogen	Synthesized peptide derived from human TRAP
Specificity	The antibody can specifically recognize human TRAP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.97% sodium azide.
Source	Mouse, Monoclonal/IgG1, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500, IF 1:100-500
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TRAP;TRAP3;RNF117;MGC:45012;TRAF2;ACP5;Tartrate-resistant acid phosphatase type 5 (TR-AP;EC 3.1.3.2;Tartrate-resistant acid ATPase; TrATPase;Type 5 acid phosphatase)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Lysosome.
Tissue Specificity	Cytoplasmic
Function	catalytic activity:A phosphate monoester + H(2)O = an alcohol + phosphate., cofactor:Binds 2 iron ions per subunit.,disease:This relatively minor intracellular isozyme of acid phosphatase can become the dominant isozyme in certain pathological states (Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias).,similarity:Belongs to the metallophosphoesterase superfamily. Purple acid phosphatase family.,subunit:Exists either as monomer or, after proteolytic processing, as a dimer of two chains linked by disulfide bond(s).,



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],

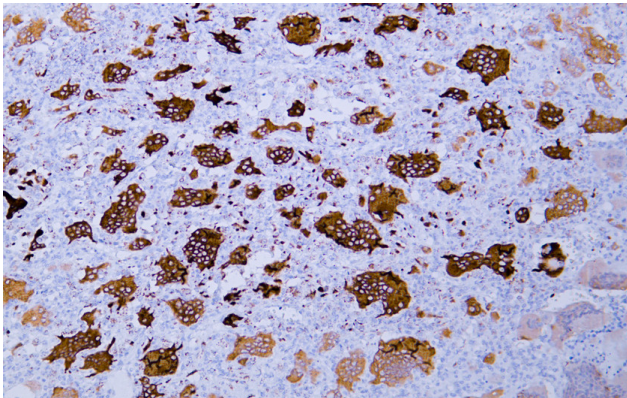
matters needing attention

Avoid repeated freezing and thawing!

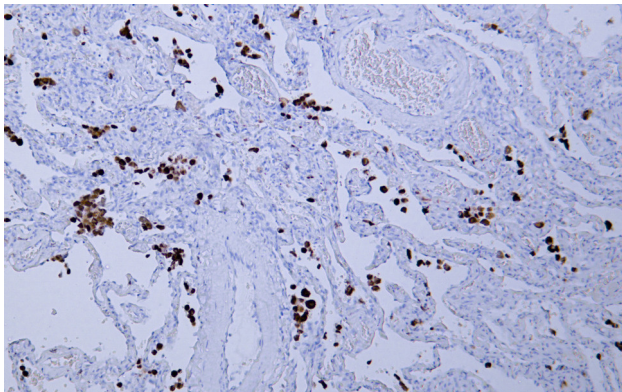
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Human giant cell tumor tissue was stained with Anti-TRAP (ABT522) Antibody



Human lung tissue was stained with Anti-TRAP (ABT522) Antibody