

TRAP (ABT201R) rabbit mAb

Catalog No :	YM8014
Reactivity :	Human;
Applications :	IHC;ELISA
Target :	TRAP
Fields :	>>Riboflavin metabolism;>>Metabolic pathways;>>Lysosome;>>Osteoclast differentiation;>>Rheumatoid arthritis
Gene Name :	ACP5
Protein Name :	TRAP
Human Gene Id :	54
Human Swiss Prot No :	P13686
Immunogen :	Synthesized peptide derived from human protein. AA range:250-325
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500 ELISA: 1:20000
Purification :	Protein A
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
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 : 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).

Subcellular Location : Cytoplasmic

Expression : Cytoplasmic

Products Images