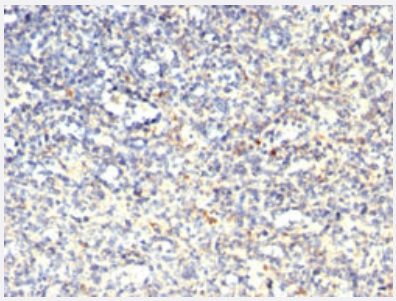
ACP5 monoclonal antibody, clone SPM601

Catalog # MAB13142 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with ACP5 monoclonal antibody, clone SPM601 (Cat # MAB13142).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human ACP5.
Immunogen	Recombinant protein corresponding to full length human ACP5.
Host	Mouse
Theoretical MW (kDa)	35
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with ACP5 monoclonal antibody, clone SPM601 (Cat # MAB13142).

- Immunofluorescence
- Flow Cytometry

Gene Info — ACP5

Entrez GeneID	54
Protein Accession#	P13686
Gene Name	ACP5
Gene Alias	MGC117378, TRAP
Gene Description	acid phosphatase 5, tartrate resistant
Omim ID	171640
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosph oric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and i s the only form not inhibited by L(+)-tartrate. [provided by RefSeq
Other Designations	TrATPase|tartrate resistant acid phosphatase 5|tartrate-resistant acid ATPase

Pathway

- gamma-Hexachlorocyclohexane degradation
- Lysosome
- Riboflavin metabolism

Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Osteonecrosis