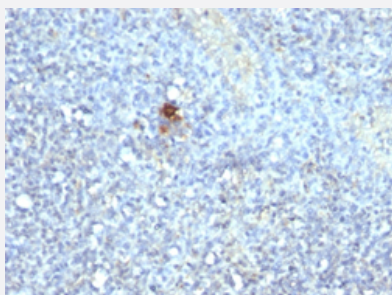


ACP5 monoclonal antibody, clone ACP5/1070

Catalog # MAB13402 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 ACP5/1070 (Cat # MAB13402).

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
Specificity	ACP5 exists as two isoforms (5a and 5b). This monoclonal antibody reacts with both these.
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 ACP5/1070 (Cat # MAB13402).

- 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 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]

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](#)