

**Anti-ACP5 Antibody**  
**Mouse monoclonal antibody to ACP5**  
**Catalog # AP61615****Specification**

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**Anti-ACP5 Antibody - Product Information**

Application	IF
Primary Accession	<a href="#">P13686</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	36599

**Anti-ACP5 Antibody - Additional Information****Gene ID** 54**Other Names**

Tartrate-resistant acid phosphatase type 5; TR-AP; Tartrate-resistant acid ATPase; TrATPase; Type 5 acid phosphatase

**Target/Specificity**

Recognizes endogenous levels of ACP5 protein.

**Dilution**

IF~~IH (1/100 - 1/300)

**Format**

Mouse IgG2a. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ACP5 Antibody - Protein Information****Name** ACP5**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.

**Cellular Location**

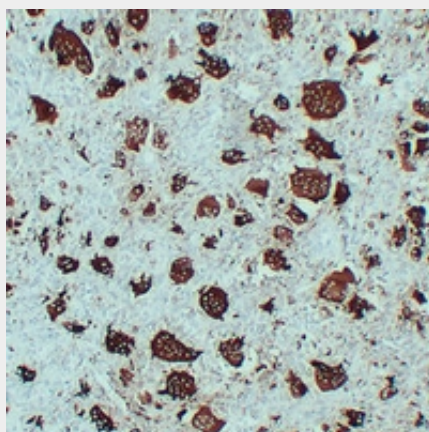
Lysosome.

**Anti-ACP5 Antibody - Protocols**

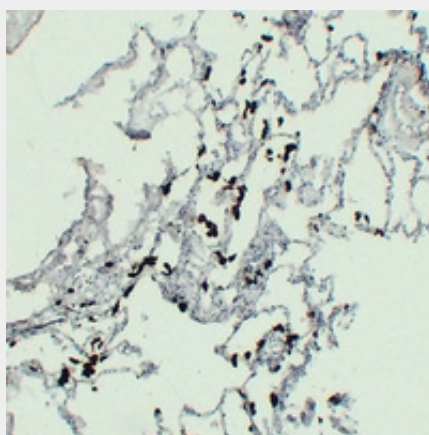
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Anti-ACP5 Antibody - Images**



Immunohistochemical analysis of ACP5 staining in human gaint cell tumor formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of ACP5 staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-ACP5 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within human ACP5. The exact

sequence is proprietary.