

## Product datasheet

# Anti-Tartrate Resistant Acid Phosphatase antibody [SPM601] - BSA and Azide free ab212724

1 Image

### Overview

<b>Product name</b>	Anti-Tartrate Resistant Acid Phosphatase antibody [SPM601] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [SPM601] to Tartrate Resistant Acid Phosphatase - BSA and Azide free
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant full length protein corresponding to Human Tartrate Resistant Acid Phosphatase. Database link: <a href="#">P13686</a>
<b>Positive control</b>	IHC-P: Human spleen tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A/G purified
<b>Purification notes</b>	ab212724 was purified from Bioreactor Concentrate by Protein A/G.
<b>Clonality</b>	Monoclonal

<b>Clone number</b>	SPM601
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

## Applications

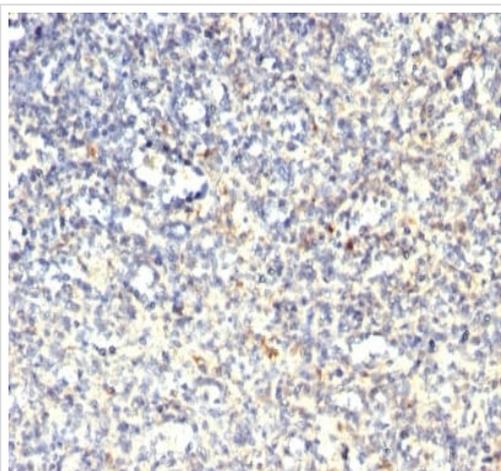
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab212724 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. (Primary incubation for 30 minutes at RT).

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the metallophosphoesterase superfamily. Purple acid phosphatase family.
<b>Cellular localization</b>	Lysosome.

## Images



Formalin-fixed, paraffin-embedded human spleen tissue stained for Tartrate Resistant Acid Phosphatase antibody using ab212724 at 1 µg/ml in immunohistochemical analysis.

This IHC-P data was generated using the same anti-Tartrate Resistant Acid Phosphatase antibody clone, SPM601, in a different buffer formulation.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tartrate Resistant Acid Phosphatase antibody [SPM601] - BSA and Azide free (ab212724)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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