



## Product datasheet

### Anti-Munc18c antibody ab224625

2 Images

#### Overview

<b>Product name</b>	Anti-Munc18c antibody
<b>Description</b>	Rabbit polyclonal to Munc18c
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human Munc18c aa 250-550. Database link: <a href="#">O00186</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Mouse kidney tissue lysate. IHC-P: Human adrenal gland 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: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab224625 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		1/20 - 1/200.
WB		1/500 - 1/5000. Detects a band of approximately 68 kDa (predicted molecular weight: 68 kDa).

## Target

### Function

Together with STX4 and VAMP2, may play a role in insulin-dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes.

### Tissue specificity

Megakaryocytes and platelets.

### Sequence similarities

Belongs to the STXBP/unc-18/SEC1 family.

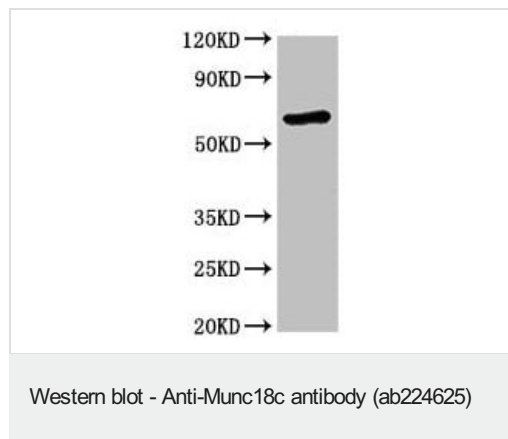
### Post-translational modifications

Phosphorylated by PKC in platelets in response to thrombin stimulation; phosphorylation inhibits binding to STX4.

### Cellular localization

Cytoplasm > cytosol. Cell membrane. In platelets, predominantly cytosolic. Low amounts membrane-associated.

## Images



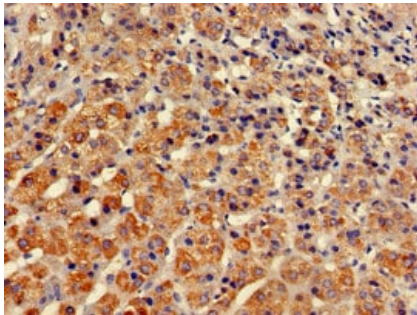
Anti-Munc18c antibody (ab224625) at 1/500 dilution + Mouse kidney tissue lysate

### Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

**Predicted band size:** 68 kDa

**Observed band size:** 68 kDa



Paraffin-embedded human adrenal gland tissue stained for Munc18c using ab224625 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Munc18c antibody (ab224625)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors