

## Product datasheet

# Anti-EEA1 antibody - Early Endosome Marker ab206860

★★★★★ [1 Abreviews](#) [4 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-EEA1 antibody - Early Endosome Marker
<b>Description</b>	Goat polyclonal to EEA1 - Early Endosome Marker
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human EEA1 aa 800-900 (internal sequence). NP_003557.2. Database link: <a href="#">Q15075</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	A549 and HEK293 lysates.
<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

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<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: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab206860 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab206860 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
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 200 kDa (predicted molecular weight: 162 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF	★★★★★ (1)	Use a concentration of 5 µg/ml.

## Target

### Function

Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.

### Sequence similarities

Contains 1 C2H2-type zinc finger.

Contains 1 FYVE-type zinc finger.

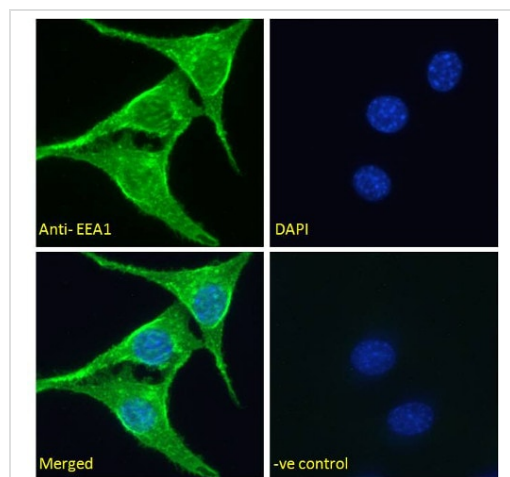
### Domain

The FYVE-type zinc finger domain mediates interactions with phosphatidylinositol 3-phosphate in membranes of early endosomes and penetrates bilayers. The FYVE domain insertion into PtdIns(3)P-enriched membranes is substantially increased in acidic conditions.

### Cellular localization

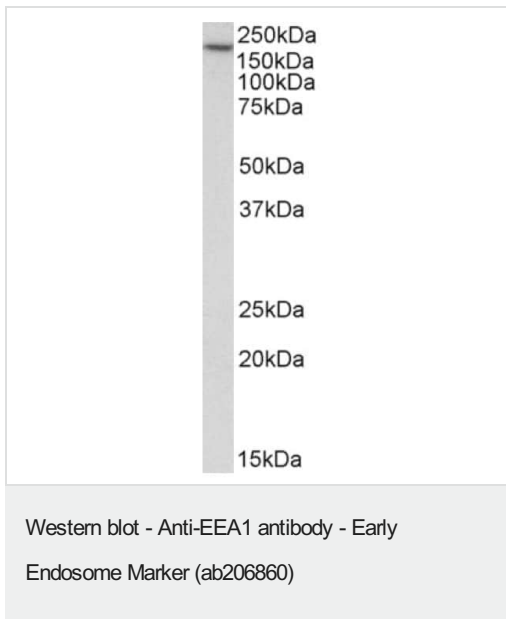
Cytoplasm. Early endosome membrane.

## Images



Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells permeabilized with 0.15% Triton staining EEA1. Primary incubation with ab206860 (5µg/ml) for 1 hour followed by Alexa Fluor 488 secondary antibody (2µg/ml). Nuclear counter stain is DAPI.

Immunocytochemistry/ Immunofluorescence - Anti-EEA1 antibody - Early Endosome Marker (ab206860)



Anti-EEA1 antibody - Early Endosome Marker (ab206860) at 0.3 µg/ml + HEK293 lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 162 kDa

**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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