

Product datasheet

Anti-ITGA11 antibody ab114113

2 References 1 Image

Overview

<b>Product name</b>	Anti-ITGA11 antibody
<b>Description</b>	Goat polyclonal to ITGA11
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide: C-PTEEDLSHAPQRNH , corresponding to C terminal amino acids 1047-1060 of Mouse ITGA11 (NP_795896.4). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Mouse skeletal muscle lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99.48% Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab114113 was 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

Our [Abpromise guarantee](#) covers the use of **ab114113** in the following tested applications.

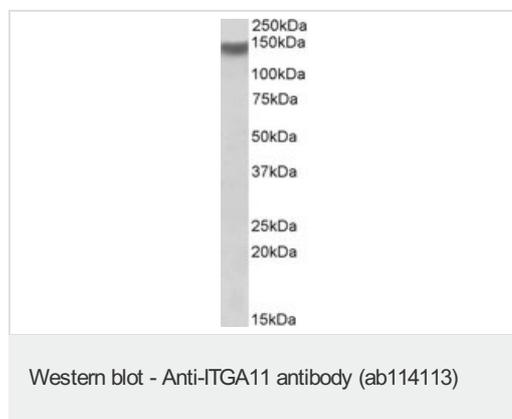
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 140 kDa (predicted molecular weight: 133 kDa).

## Target

<b>Function</b>	Integrin alpha-11/beta-1 is a receptor for collagen.
<b>Tissue specificity</b>	According to PubMed:10464311, highest levels of expression in uterus and heart, intermediate levels in skeletal muscle and intermediate to low levels in pancreas, kidney and placenta. According to PubMed:10486209, also found in brain, colon, lung, small intestine, stomach, testis, salivary glands, thyroid glands and prostate. Very low levels in peripheral blood lymphocytes, fetal brain and fetal liver.
<b>Sequence similarities</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
<b>Developmental stage</b>	Strongly up-regulated in differentiating fetal muscle cells (in vitro).
<b>Domain</b>	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
<b>Cellular localization</b>	Membrane.

## Images



Anti-ITGA11 antibody (ab114113) at 1 µg/ml + Mouse skeletal muscle lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 133 kDa

**Observed band size:** 140 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation: 1 hour

**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

- 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**

---

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