


### Anti-IL-11 antibody ab76589

[4 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-IL-11 antibody
<b>Description</b>	Rabbit polyclonal to IL-11
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Macaque monkey 
<b>Immunogen</b>	Synthetic peptide corresponding to Human IL-11 aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab90835</a> )
<b>Positive control</b>	This antibody gave a positive signal in Human Plasma Total Protein.
<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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS  Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>Purity</b>	Immunogen affinity purified

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

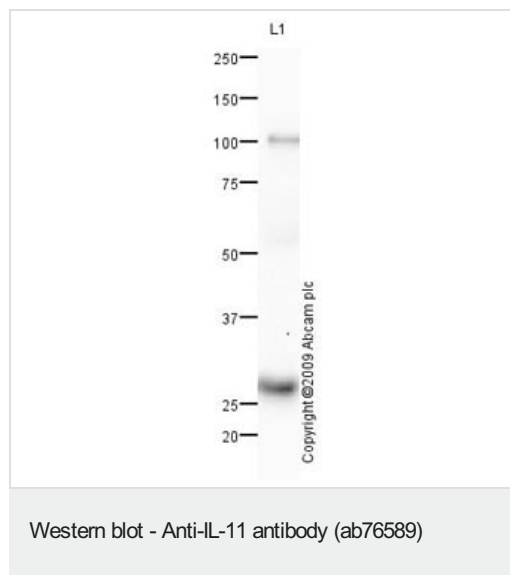
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab76589 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use a concentration of 1 µg/ml. Detects a band of approximately 27 kDa (predicted molecular weight: 21 kDa).

## Target

<b>Function</b>	Directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production.
<b>Sequence similarities</b>	Belongs to the IL-6 superfamily.
<b>Cellular localization</b>	Secreted.

## Images



Anti-IL-11 antibody (ab76589) at 1 µg/ml + Human Plasma Total Protein Lysate at 10 µg

### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 21 kDa

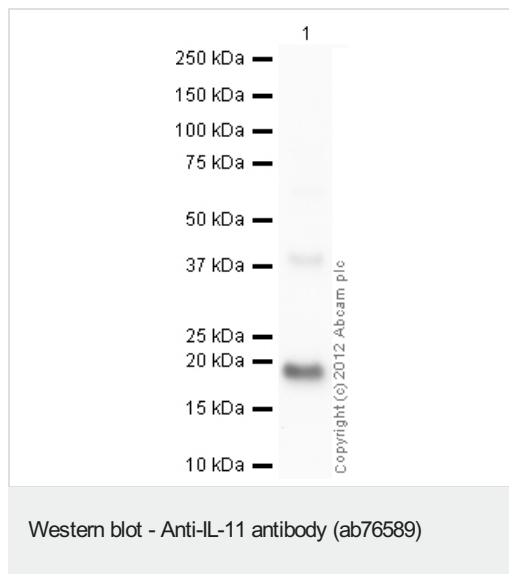
**Observed band size:** 27 kDa

**Additional bands at:** 105 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 15 minutes

The 27 kDa band observed is comparable to the molecular weight

seen with other commercially available antibodies to IL-11.



Anti-IL-11 antibody (ab76589) at 1 µg/ml + Recombinant human IL-11 protein ([ab73620](#)) at 0.1 µg

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 21 kDa

**Observed band size:** 19 kDa

**Exposure time:** 30 seconds

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

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