

## Product datasheet

# Anti-IL18R Beta antibody ab57998

1 Image

### Overview

<b>Product name</b>	Anti-IL18R Beta antibody
<b>Description</b>	Mouse monoclonal to IL18R Beta
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 20-130 of Human IL18R Beta

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab57998** in the following tested applications.

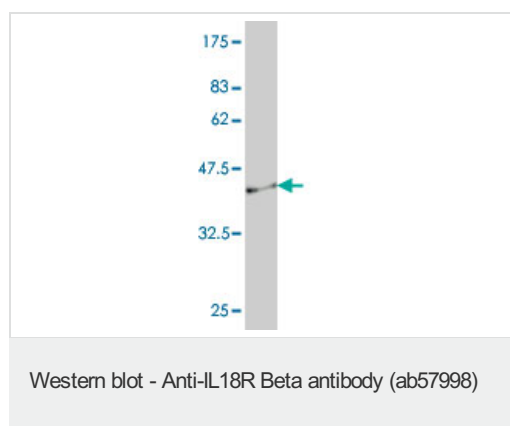
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## Target

<b>Function</b>	Required for the high affinity binding of interleukin 18 (IL-18) to its receptor complex (By similarity). Together with IL18R1 mediates IL-18-dependent activation of NF-kappa-B and JNK.
<b>Tissue specificity</b>	Strongly expressed in peripheral blood leukocytes, spleen, lung, and, to a lesser extent, in colon, but not in any other tissue tested. Strongly expressed in T-cells polarized with IL-12. Specifically coexpressed with IL18R1 in Th1 cells.
<b>Sequence similarities</b>	Belongs to the interleukin-1 receptor family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
<b>Cellular localization</b>	Membrane.

## Images



Western blot against tagged recombinant protein immunogen using ab57998 IL18R Beta antibody at 1ug/ml. Predicted band size of immunogen is 38 kDa

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