

Product datasheet

Anti-IL18R Beta antibody ab57998

1 Image

Overview

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

Properties

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

Applications

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

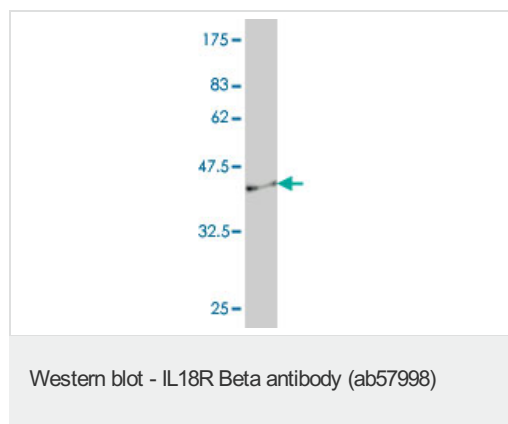
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	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.
Tissue specificity	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.
Sequence similarities	Belongs to the interleukin-1 receptor family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
Cellular localization	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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