

Product datasheet

Anti-IL-6R antibody ab103798

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

Overview

Product name	Anti-IL-6R antibody
Description	Rabbit polyclonal to IL-6R
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human IL-6R aa 1-500. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	HeLa whole cell lysate (ab150035). Transfected 293T cell line.
General notes	<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&As</p>

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	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab103798 in the following tested applications.

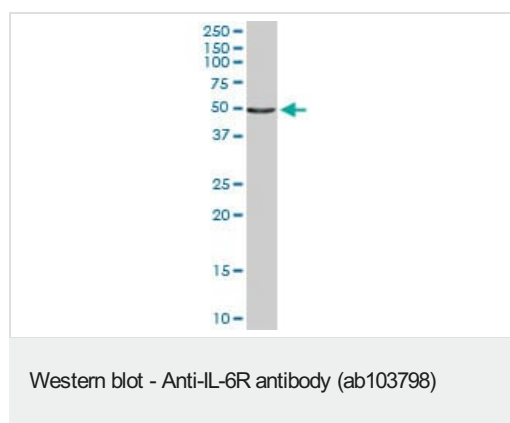
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 51 kDa.

Target

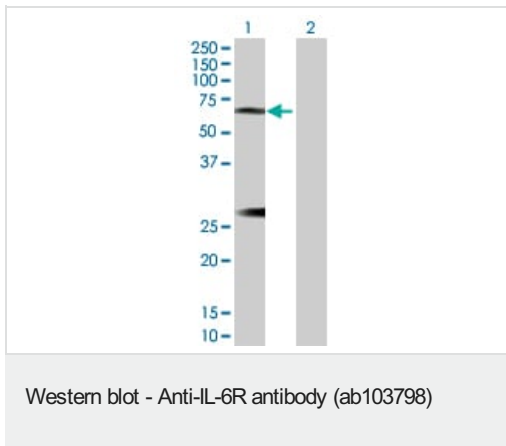
Function	Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.
Tissue specificity	Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.
Sequence similarities	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 1 fibronectin type-III domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Domain	The two fibronectin type-III-like domains, contained in the N-terminal part, form together a cytokine-binding domain. The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
Post-translational modifications	A short soluble form may also be released from the membrane by proteolysis.
Cellular localization	Secreted and Basolateral cell membrane.

Images



Anti-IL-6R antibody (ab103798) at 5 µg/ml + HeLa cell lysate at 50 µg

Predicted band size: 51 kDa



All lanes : Anti-IL-6R antibody (ab103798) at 5 µg/ml

Lane 1 : IL6R transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 51 kDa

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

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