

Product datasheet

Anti-IL-6R antibody **ab128008**

★★★★★ [3 Abreviews](#) [27 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-IL-6R antibody |
| Description | Rabbit polyclonal to IL-6R |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to Human IL-6R aa 253-267. Database link: P08887 |
| 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.88% Sodium chloride (without Mg ²⁺ , Ca ²⁺) |
| Purity | Affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab128008 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 | | 1/200 - 1/500. Predicted molecular weight: 52 kDa. |
| IHC-P | ★★★★★ (2) | Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

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.

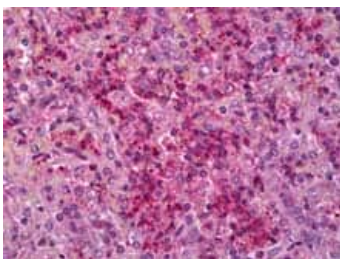
Post-translational modifications

A short soluble form may also be released from the membrane by proteolysis.

Cellular localization

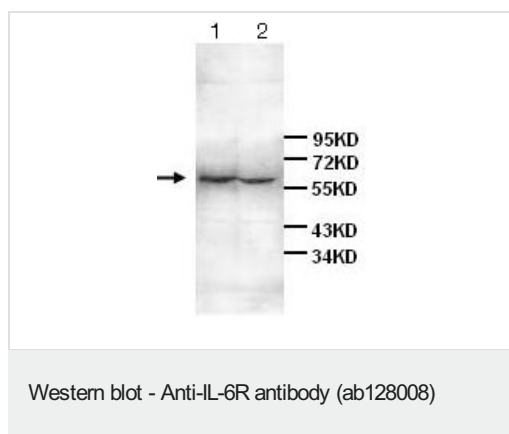
Secreted and Basolateral cell membrane.

Images



Paraffin-embedded human spleen tissue stained for IL6R with ab128008 at 2.5 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-6R antibody (ab128008)



All lanes : Anti-IL-6R antibody (ab128008) at 1/200 dilution

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Lane 2 : 803 cell lysate

Predicted band size: 52 kDa

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

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