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Datasheet for ABIN6257993

## anti-IL-6 Receptor antibody (N-Term)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	IL-6 Receptor (IL6R)
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-6 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

#### Product Details

Immunogen:	A synthesized peptide derived from human IL6R, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	IL6R Antibody detects endogenous levels of total IL6R.
Predicted Reactivity:	Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	IL-6 Receptor (IL6R)
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## Target Details

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Alternative Name:	IL6R ( <a href="#">IL6R Products</a> )
Background:	Description: 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. Gene: IL6R
Molecular Weight:	51 kDa
Gene ID:	3570
UniProt:	<a href="#">P08887</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Autophagy</a> , <a href="#">Growth Factor Binding</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

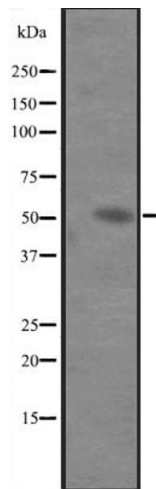
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

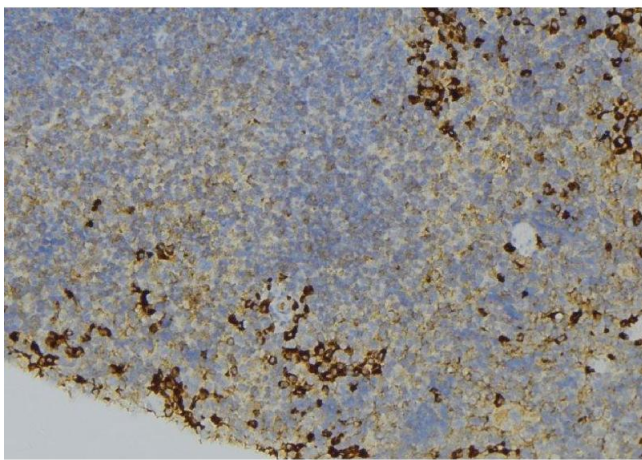
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of IL6RA expression in HeLa cell lysate. The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 2.** ABIN6273660 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary