

# IL6 Antibody

Catalog No: #32064



Package Size: #32064-1 50ul #32064-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
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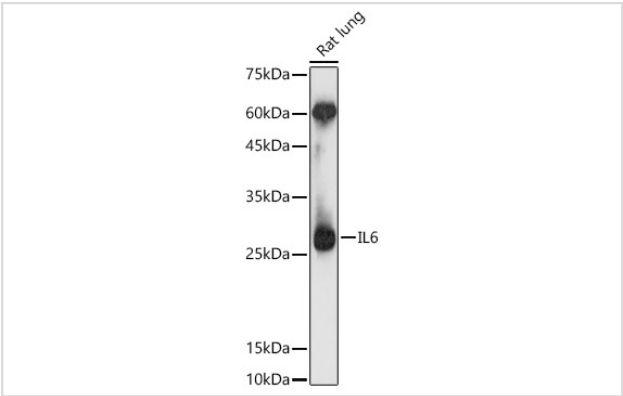
## Description

Product Name	IL6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total IL6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human IL6 (NP_000591.1).
Target Name	IL6
Other Names	IL6;BSF-2;BSF2;CDF;HGF;HSF;IFN-beta-2;IFNB2;IL-6
Accession No.	Uniprot:P05231GeneID:3569
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GeneID	3569
SDS-PAGE MW	26KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

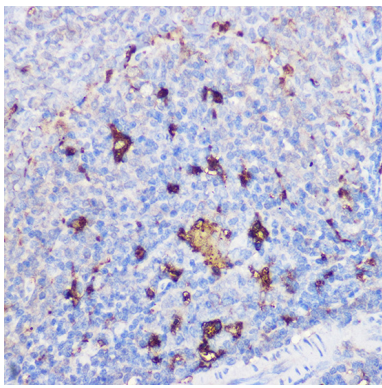
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

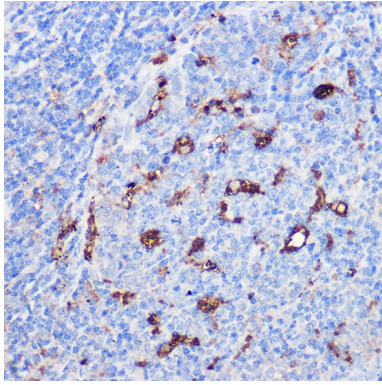
## Images



Western blot analysis of extracts of Rat lung, using IL6 antibody.



Immunohistochemistry of paraffin-embedded rat spleen using IL6 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse spleen using IL6 Rabbit pAb.

## Background

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only