

# IL6 Rabbit pAb

Catalog No.: A0286 **28 Publications**

## Basic Information

### Catalog No.

A0286

### Observed MW

26KDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

WB, IHC

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
3569	P05231

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-212 of human IL6 (NP\_000591.1).

### Synonyms

IL6;BSF-2;BSF2;CDF;HGF;HSF;IFN-beta-2;IFNB2;IL-6

## Product Information

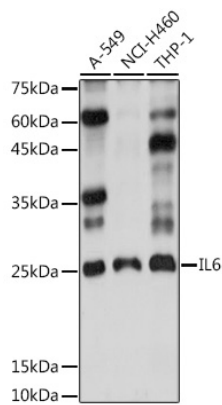
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

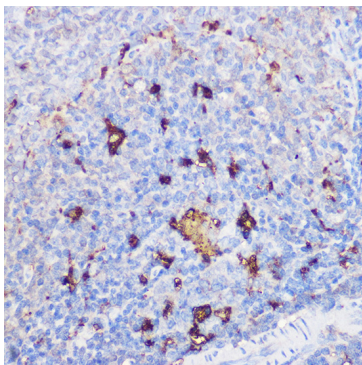
Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

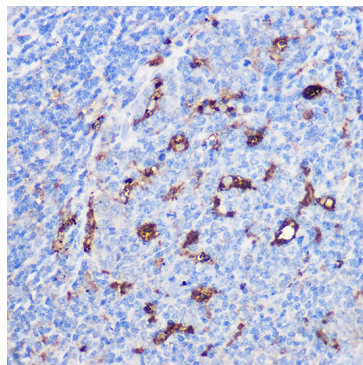
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Western blot analysis of extracts of various cell lines, using IL6 antibody (A0286) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat spleen using IL6 Rabbit pAb (A0286) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using IL6 Rabbit pAb (A0286) at dilution of 1:100 (40x lens).