



## IL-6 Polyclonal Antibody

Cat #: ABP0137

Size: 100µl

### Product Information

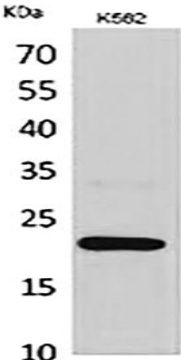
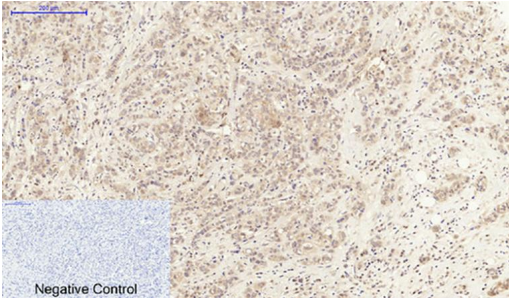
	<b>Product Name:</b> IL-6 Polyclonal Antibody		
	<b>Applications:</b> WB, IHC-P, IF/ICC, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Rat, Mouse		
<b>REF</b>	<b>Catalog Number:</b> ABP0137	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** IL6 encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the interleukin 6 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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000), IF (1:100-1:300). Not yet tested in other applications.

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	<p>Fig.1. Western blot analysis of K562 cells using IL-6 Polyclonal Antibody. Antibody was diluted at 1:1000.</p>
	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded human breast cancer tissue. 1, IL-6 Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (&gt;98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.</p>

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.