

## IL6 (34F10) Monoclonal Antibody

### Basic information:

<b>Catalog No.:</b>	UDA9022-2	<b>Source:</b>	Mouse
<b>Clonality:</b>	Monoclonal 34F10	<b>Isotype:</b>	IgG1
<b>Purity:</b>	>95% as determined by SDS-PAGE.		

### Useful Information:

<b>Applications:</b>	ELISA, ICA, CLIA
<b>Usage:</b>	Capture antibody
<b>Specificity:</b>	Recognizes native IL6
<b>Format:</b>	Liquid
<b>Purification:</b>	Protein A/G affinity purification from mouse ascites.
<b>Immunogen:</b>	Recombinant protein of human IL6.
<b>Presentation:</b>	PBS, pH 7.4, containing 0.03% Proclin 300
<b>Description:</b>	<p>Interleukin 6 (IL-6) is an inflammatory factor and a versatile cytokine with a wide range of functions. After being stimulated by inflammation, the body is secreted by T cells, B cells, monocytes and endothelial cells. It is the key to the inflammatory mediator network. ingredient. After the inflammatory reaction occurs, IL-6 is produced first, and after production, CRP and procalcitonin (PCT) production are induced. Such as acute inflammation during infection, internal and external trauma, surgery, stress response, brain death, tumor development and other conditions will occur quickly. IL-6 is involved in the occurrence and development of many diseases. Its blood levels are closely related to inflammation, viral infections, and autoimmune diseases. Its changes are earlier than CRP.</p>
<b>Storage:</b>	Store at 4°C short term and -20°C long term. Avoid freeze-thaw cycles.
<b>Note:</b>	<p>Test systems and platform change may cause different results, please contact us if you have any questions.</p> <p>This product is sold for research use only. Standard Laboratory Practices should be followed when handling this material.</p>
<b>Data:</b>	<p>Affinity test</p> <p>Association rate constant (ka): <math>4.265 \times 10^6</math> 1/Ms</p> <p>Dissociation rate constant (kd): <math>1.573 \times 10^{-5}</math> 1/s</p> <p>Affinity constant (KD): <math>3.687 \times 10^{-12}</math>M</p> <p>Determination method: SPR analysis</p> <p>Determination antigen: Recombinant Human IL-6</p>