



## Product Datasheet

### Purified Anti-Mouse IL-6 Antibody [MP5-20F3]

Catalogue Code: AGEL2383

#### Antibody Data

<b>Product SKU:</b>	<b>AGEL2383</b>	<b>Clone:</b>	<b>MP5-20F3</b>
<b>Applications:</b>	<b>ICFCM;ELISA</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

#### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

#### Product Information:

<b>Alternate Names:</b>	Interleukin-6;IL-6;B-cell hybridoma growth factor;Interleukin HP-1;
<b>Uniprot ID:</b>	P08505
<b>Background:</b>	IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B cells and T cells. IL-6 plays a role in host defense, acute phase reactions, immune responses, and hematopoiesis. IL-6 is expressed by T cells, B cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Unconjugated
<b>Size:</b>	25&micro;g, 100&micro;g
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG1, $\kappa$
<b>Isotype Control:</b>	Purified Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product AGEL2383]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by ELISA assay. For ELISA applications, a concentration range of 0.5 – 2.0 µg/mL is recommended. To obtain a linear standard curve, serial dilutions of mouse IL-6 recombinant protein ranging from 500 to 8 pg/mL are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.