

## Product datasheet for **AM26715PU-N**

### IL6 Mouse Monoclonal Antibody [Clone ID: 9D8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	9D8
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant human IL-6
Specificity:	This antibody reacts with recombinant human IL-6.
Formulation:	0.01M PBS, pH 7.0 State: Purified State: Lyophilized Ig fraction
Reconstitution Method:	Restore with doubled distilled water.
Purification:	Protein G affinity purified
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 6
Database Link:	<a href="#">Entrez Gene 3569 Human P05231</a>



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**Background:**

IL - 6, also called B - cell stimulatory factor - 2 (BSF-2), is an important cytokine for the differentiation of B-cells into immunoglobulin-secreting cells. IL-6 is mainly produced by T-cells, macrophages and endothelial cells in response to pathogenic molecular stimuli during infection, trauma and the growth phase of some types of cancer. IL-6 is up-regulated by the binding of Toll-like receptors to antigen pattern ligands. In acute inflammatory phase, IL- 6 causes increased body temperature by initiating synthesis of Prostaglandin E2 in hypothalamus.

**Synonyms:**

IL-6, Interferon beta-2, IFNB2, B-cell stimulatory factor 2, BSF-2, CDF