

Product datasheet for **AM33372PU-S**

IL6 Rat Monoclonal Antibody [Clone ID: MP5-20F3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MP5-20F3
Applications:	FC, IF, IHC, IP, Neutralize, WB
Recommended Dilution:	ELISA: Use BSA free Antibody for coating. Western Blotting: 0.5-1 µg/ml. Neutralization Studies: Use Azide free Antibody (Reported in Litterature). Flow Cytometry: 0.5-1 µg/million cells. Immunofluorescence: 0.5-1 µg/ml. Immunoprecipitation: 0.5-1 µg/500 µg protein lysate. Immunohistochemistry on Frozen Sections: 0.5-1 µg/ml for 30 minutes at RT (Reported in Litterature). Positive Control: Mouse Heart.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Mouse IL-6 protein.
Specificity:	This antibody is specific for Mouse Interleukin 6 (IL-6). Clone MP5-20F3 may be used to neutralise IL-6 bioactivity in a Functional Assay (Abrams et al. 1992 and Kambayashi et al. 1995). Cellular Localization: Cytoplasmic and extracellular (secreted). Negative Species: Human, Rat.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography



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Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	21 kDa
Gene Name:	interleukin 6
Database Link:	Entrez Gene 16193 Mouse P08505
Background:	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.
Synonyms:	IL-6, Interferon beta-2, IFNB2, B-cell stimulatory factor 2, BSF-2, CDF