

Product datasheet for **AM06310SU-N**

IL2 Mouse Monoclonal Antibody [Clone ID: 8D5]

Product data:

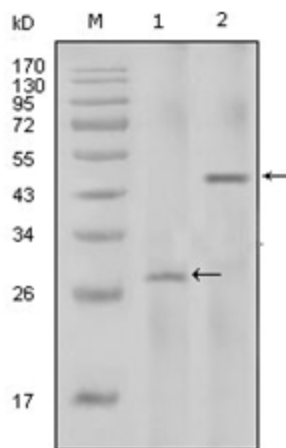
Product Type:	Primary Antibodies
Clone Name:	8D5
Applications:	WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of IL2 expressed in E. Coli.
Specificity:	Recognizes Interleukin-2
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Predicted Protein Size:	17.6 kDa
Gene Name:	interleukin 2
Database Link:	Entrez Gene 3558 Human P60568
Background:	IL-2 is a 17.6kDa secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.



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Synonyms: IL-2, TCGF

Product images:



Western blot analysis using IL2 mouse mAb against full-length IL2 recombinant protein with Trx tag (1) and full-length IL2-hIgGFc transfected HEK293 cell lysate (2).