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anti-IL-2 antibody



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**Publications** 



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Overv	view.
OVCIV	ICVV

Quantity:	100 μL
Target:	IL-2 (IL2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

# **Product Details**

Immunogen:	Purified recombinant fragment of IL2 expressed in E. coli.
Clone:	8D5
Isotype:	lgG1
Purification:	purified

# **Target Details**

Target:	IL-2 (IL2)
Alternative Name:	IL-2 (IL2 Products)
Background:	Description: IL-2: interleukin-2. Entrez Protein NP_000577. It is a 17.6 kDa 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.

### **Target Details**

	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.  Aliases: Aldesleukin, TCGF, interleukin-2
Molecular Weight:	17.6 kDa
Gene ID:	3558
HGNC:	3558
Pathways:	JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation

# **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

# **Publications**

Preservative:

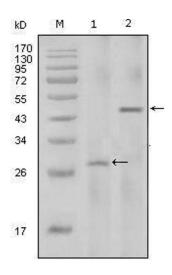
Product cited in:

Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity is mediated by ongoing nucleated polymerization process rather than by discrete Abeta42 species." in: **The Journal of biological chemistry**, Vol. 286, Issue 10, pp. 8585-96, (2011) (PubMed).

Deshmukh, Salehzadeh, Metayer-Coustard, Fahlman, Nair, Al-Khalili: "Post-transcriptional gene silencing of ribosomal protein S6 kinase 1 restores insulin action in leucine-treated skeletal

muscle." in: **Cellular and molecular life sciences : CMLS**, Vol. 66, Issue 8, pp. 1457-66, (2009) ( PubMed).

# **Images**



# **Western Blotting**

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