Purified Anti-Mouse IL-2 Antibody[JES6-5H4], Functional Grade

catalog number: **E-AB-F12010**

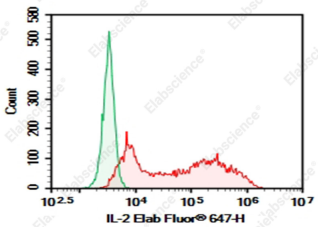
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

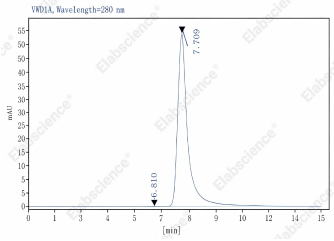
Reactivity	Mouse
Immunogen	Recombinant Mouse IL-2 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	JES6-5H4
Purification	> 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC
Endotoxin	< 1 EU/mg determined by LAL assay
Conjugation	Unconjugated
Buffer	Sterile PBS, pH 7.2. Contains no stabilizers or preservatives

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume
Neut	Reported in the literature
Stim	Reported in the literature

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-2 gene were stained with 0.2 μg Purified Anti-Mouse IL-2 Antibody[JES6-5H4], Functional Grade (Right) and 0.2 μg Rat IgG2b, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

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Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell prolifeRation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

None (Azide-Free,Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Shivani Srivastava, et al. J Exp Med. 2014 May 5;211(5):961-74. Ana Villegas-Mendez, et al. Infect Immun. 2015 Oct 12;84(1):34-46.

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