

## Anti-IL-2 [Jes6-1] Standard Size Ab00913-8.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This reformatted rat antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Fc Silent™, Kappa

**Clone Number:** Jes6-1

**Alternative Name(s) of Target:** Interleukin-2; IL2; T cell growth factor; JES6-1A12

**UniProt Accession Number of Target Protein:** P04351

**Published Application(s):** IP, NTRL, ELISA

**Published Species Reactivity:** Mouse

**Immunogen:** Rat antibodies were raised against murine IL-2.

**Specificity:** This antibody binds murine IL-2.

**Application Notes:** JES6-1 is a scFv reformat of the variable domain sequences of the JES6-1 monoclonal antibody (Spangler et al, 2015). It was shown in this study that JES6-1 scFv binding to mouse IL-2 would sterically hinder interaction with the IL-2 receptor, thereby blocking downstream signalling functions. This antibody is well known as a neutralising antibody against mouse IL-2, and is useful for cytokine assays such as ELISA (Abrams et al, 1992).

**Antibody First Published in:** Abrams et al. Strategies of Anti-Cytokine Monoclonal Antibody Development: Immunoassay of IL-10 and IL-5 in Clinical Samples Immunological Reviews 1992, No. 127  
[PMID:1387110](#)

**Note on publication:** Used the anti-mouse IL-2 clone JES6-1A12 to assay the presence of mouse IL-2 in enzyme-linked assays.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.