

## Anti-IL-2 [S4B6] Standard Size Ab00440-1.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Mouse IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse F(ab)2, AbFab2™ His-Tagged, Kappa

**Clone Number:** S4B6

**Alternative Name(s) of Target:** Interleukin-2

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

**Published Application(s):** Blocking, SPR, ELISA

**Published Species Reactivity:** Mouse

**Immunogen:** Interleukin-2.

**Specificity:** This antibody binds specifically to mouse IL-2.

**Application Notes:** This antibody binds to Interleukin-2, a protein produced by T-cells in response to antigenic or mitogenic stimulation. It triggers T-cell proliferation and can stimulate B-cells, monocytes, natural killer cells and glioma cells. The antibody blocks the IL-2:IL-2R-beta interaction.

**Antibody First Published in:** Spangler et al. Antibodies to Interleukin-2 Elicit Selective T Cell Subset Potentiation through Distinct Conformational Mechanisms. Immunity 2015; 42(5):815-8125 [PMID:25992858](#)

**Note on publication:** Describes the generation of two monoclonals against mouse IL-2 and subsequent blocking studies.

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.