

## Technical Data Sheet

### Anti-Human CD25

**Catalog Number:** 107501, 107502

**Size:** 100 ug, 500 ug

**Target Name:** IL-2 receptor  $\alpha$  chain, Low affinity IL-2R, IL-2R $\beta$  chain

**Regulatory Status:** RUO

#### Product Details

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**Clone:** M-A251

**Application:** FC

**Reactivity:** Human

**Format:** Purified

**Isotype:** Mouse IgG1

**Antibody Type:** Monoclonal

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

**Protein Concentration:** 0.5 mg/mL

**Storage&Handling:** The antibody solution should be stored between 2°C and 8°C

**Release Date:** Dec-25

#### Background Information

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The interleukin-2 receptor alpha chain (also called Tac antigen, P55, and mainly CD25) is a protein involved in the assembly of the high-affinity interleukin-2 receptor, consisting of alpha (IL2RA), beta (IL2RB) and the common gamma chain (IL2RG). As the name indicates, this receptor interacts with interleukin-2, a pleiotropic cytokine which plays an important role in immune homeostasis. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages.