

Code No. 10905

**Anti-
CD25 (H-8) Mouse IgG MoAb**

Volume : 100 µg

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- Introduction** : CD25 is IL-2 receptor α chain (IL-2R α which is a low-affinity receptor of IL-2. CD25 forms high-affinity IL-2 receptors associating with CD122 (β chain) and CD132 (γ chain). CD25 is expressed in activated T cells and B cells. Increase of CD25 in serum is observed in individuals suffer adult T cell leukemia or malignant lymphoma.
- Antigen** : Purified human IL-2 receptor α
- Source** : Mouse-Mouse hybridoma
(SP2/0 \times BALB/c mouse spleen cells)
- Clone** : H-8
- Subclass** : IgG2b
- Purification** : Gel filtration chromatography following ammonium sulfate precipitation
- Form** : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃
- How to use** : 1.0 mL deionized water will be added to the product, then its concentration comes to 100 µg/mL
- Stability** : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C
- Application** : This antibody can be used for western blotting in concentration of 10 µg/mL.
: This antibody can be used for immuno-precipitation at 10 µg /test
: This antibody can be used for flow cytometry analysis at 1 µg (per 1 \times 10⁵ cells)
: This antibody can be used for ELISA (as a detector antibody) in concentration of 100 ng/mL
: This antibody can be used for blocking in concentration of 20 µg/mL
- Reference** : 1. Tanaka Y, Inoi T, Tozawa H, Sugamura K, Hinuma Y. New monoclonal antibodies that define multiple epitopes and a human-specific marker on the interleukin 2 receptor molecules of primates. *Microbiol Immunol.* 1986;30(4):373-88.

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