

bsm-30025M**[Primary Antibody]****human CD25 Mouse mAb****Bioss**
ANTIBODIES

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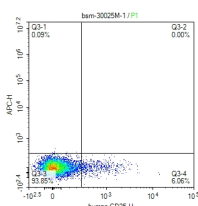
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— DATASHEET —

Host: Mouse Clonality: Monoclonal GeneID: 3559 Target: human CD25 Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 100ug 0.01M TBS (pH7.4). Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency. Patients with severe Coronavirus Disease 2019 (COVID-19), the disease caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), have significantly elevated levels of IL2R in their plasma. Similarly, serum IL-2R levels are found to be elevated in patients with different types of carcinomas. Certain IL2RA and IL2RB gene polymorphisms have been associated with lung cancer risk. [provided by RefSeq, Jul 2020]	Isotype: Mouse IgG2a, k CloneNo.: 5E9 Applications: Flow-Cyt (1ug/Test) Reactivity: Human Predicted MW.: 28 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

scatter diagram showing human peripheral blood lymphocytes stained with bsm-30025M. The cells were incubated with the antibody (bsm-30025M, 1ug/Test) for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of >10,000 events was performed.