

FITC Rat Anti-Mouse CD25

Purified FITC-conjugated Recombinant Rat Monoclonal Antibody

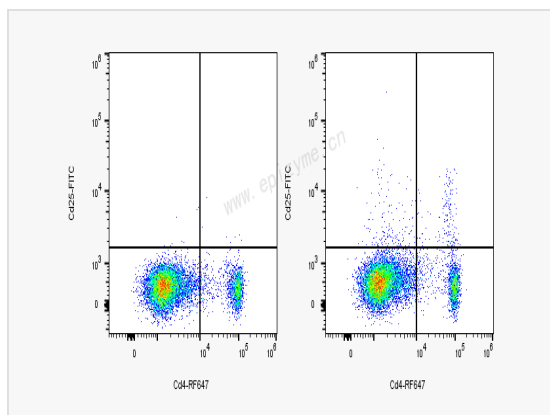
Catalog # F208005

Product Information

Application	FC
Recommended Usage	5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood.
Reactivity	Mouse
Host	Rat
Clonality	Monoclonal
Clone No.	28D26F75
Isotype	IgG1, λ
Label	FITC (Ex/Em: 491/516 nm)
Immunogen	Recombinant protein of mouse CD25
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	FITC Rat Anti-Mouse CD25 [28D26F75] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD25; IL2r; IL2ra; Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; p55.
Uniprot ID	P01590
Gene ID	16184
Background	Enables interleukin-2 binding activity and interleukin-2 receptor activity. Acts upstream of or within several processes, including Notch signaling pathway; activation-induced cell death of T cells; and regulation of T cell proliferation. Located in external side of plasma membrane. Is expressed in bone marrow and yolk sac. Used to study Sjogren's syndrome and inflammatory bowel disease. Human ortholog(s) of this gene implicated in immunodeficiency 41; lymphopenia; multiple sclerosis; type 1 diabetes mellitus; and type 1 diabetes mellitus 10. Orthologous to human IL2RA (interleukin 2 receptor subunit alpha). [provided by Alliance of Genome Resources, Jul 2025]
Cellular Location	Membrane; Single-pass type I membrane protein.



Typical flow-cytometry plots of mouse C57BL/6J splenocytes stained with anti-CD4-RF647 (F100216) and anti-CD25-FITC (F208005) (right) or with anti-CD4-RF647 (F100216) alone as a control (left).