PE Anti-Mouse CD25 Antibody[7D4]

Catalog Number: AN00620D

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

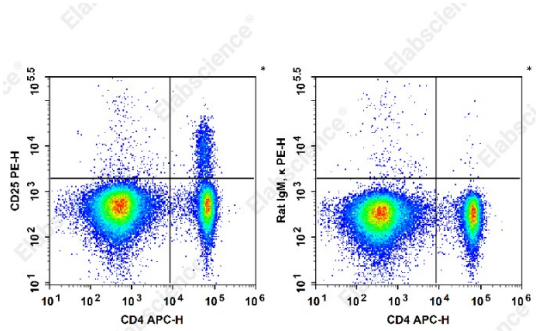
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgM, κ
Clone No.	7D4
Isotype Control	PE Rat IgM, κ Isotype Control[RTK2118] [Product E-AB-F09772D]
Conjugation	PE
Conjugation Information	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse CD4 Antibody and PE Anti-Mouse CD25 Antibody[7D4] (left) or PE Rat IgM, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	alpha;CD25;CD25 antigen;IDDM;IDDM10;IL-2 R alpha;IL-2 receptor subunit alpha;IL-2-RA;IL-2R subunit alpha;IL-2R&;IL2-RA;Il2r;Il2ra;interleukin 2 receptor;Interleukin-2 receptor subunit alpha;Ly-43;p55;Tac;TAC antigen;TCGFR

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Uniprot ID	P01590
Gene ID	16184
Background	Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.

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