

anti-mouse CD25 PE-conjugated**Cat-No.: M22128P** **1 ml****Clone:** PC61.5.3**Specificity:**

The anti-mouse CD25 (IL-2R) monoclonal antibody reacts with the low affinity alpha chain of the interleukin-2 receptor antigen present on activated T and B cells in mice. The antibody inhibits IL-2 binding and IL-2 dependent proliferation.

Isotype subclass: Rat IgG1**Form:** Purified from ascitic fluid via Protein G Chromatography, PE conjugated.**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

Expiration date:

The reagent is stable until the expiry date stated on the vial label.

Storage conditions:

Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.

Application:

Flow Cytometry

References:

- 1) Moreau J-L, Nabholz M, Diamantstein T, Malek T, Shevach E, Thèze J (1987). Monoclonal Antibodies identify three epitope clusters on the mouse p55 subunit of the interleukin 2 receptor: relationship to the interleukin 2 binding site. *European J. Immunology* 17, 1835-1838.
- 2) Hashimoto N, Nabholz M, MacDonald HR, Zubler RH (1986). Dissociation of interleukin 2 dependent and independent B cell proliferation with monoclonal anti-interleukin 2 receptor antibody. *European J. Immunology* 16, 317-320.
- 3) Lowenthal JW, Corthésy P, Tougne C, Lees R, MacDonald HR, Nabholz M (1985). High and low affinity IL-2 receptors: Analysis by IL-2 dissociation rate and reactivity with monoclonal anti-receptor antibody PC61. *J. Immunology* 135, 3988-3994.

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only.

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