

## CD25 (7G7B6)

Type	Size	Catalog number
unconjugated	100µg	102601
	500µg	102603
FITC	25 tests	102614
	100 tests	102615
	200 tests	102616
PE	25 tests	102624
	100 tests	102625
	200 tests	102626
APC	25 tests	102644
	100 tests	102645
	200 tests	102646
Biotin	100µg	102651

<b>Antigen:</b>	CD25
<b>Immunogen:</b>	Influenza virus stimulated human peripheral blood mononuclear cells.
<b>Host/Isotype:</b>	Mouse, IgG2a,κ
<b>Reactivity:</b>	Human
<b>Purity:</b>	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
<b>Formulation:</b>	PBS, pH7.2, 0.09%NaN <sub>3</sub> (unconjugated) PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA (conjugated)
<b>Storage:</b>	Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry

### Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

### Antigen Information

The antibody specifically binds to the 55 kDa type I transmembrane glycoprotein known as the low-affinity interleukin-2 receptor alpha chain subunit (IL2Rα, CD25). CD25 is expressed on regulatory T cells and on monocytes and activated lymphocytes (T and B). CD25 expression on T and B lymphocytes is upregulated by antigenic or mitogenic stimulation.

### References

1. Boutin B, et al. 1989. Neuropediatrics. 20:202.
2. Lundin K, et al. 2001. Anal Biochem. 299:92.
3. Raivio E, et al. 1997. APMIS. 105:108.
4. Yamamura T, et al. 2002. Arch Dermatol Res. 294:349.

**Terms and Conditions**

This product is for research use only (RUO) and not intended for diagnostic testing.