

CD25 (7G7B6)

Analyte Specific Reagent (ASR)*

Type	Number of tests	Volume per test (μL)	Total volume (μL)	Catalog number
PE	50	5	250	4026022
	100	5	500	4026025
PE-Cyanine5	50	5	250	4026072
	100	5	500	4026075
APC	50	5	250	4026042
	100	5	500	4026045
iFluor™647	50	5	250	4026122
	100	5	500	4026125

Antigen: CD25
Immunogen: Influenza virus stimulated human peripheral blood mononuclear cells.
Host/Isotype: Mouse, IgG2a,κ
Reactivity: Human
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09% NaN₃ and 0.2% (w/v) BSA
Storage: Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**
Applications: Flow Cytometry.

Antigen Information

The clone 7G7B6 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.

*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.