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**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        |

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| <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> and 0.2% (w/v) BSA                                |
| <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.                                                                      |

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**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.