

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-2463: Anti-CD25 / IL-2R alpha chain Monoclonal Antibody (Clone:MEM-181)-PE/DyLight Conjugated

Clonality: Monoclonal Clone Name: MEM-181 Application: **FACS** Reactivity: Human Conjugate: PE/DyLight IL2RA Gene: Gene ID: 3559 **Uniprot ID:** P01589 **Alternative Name:** IL2RA Mouse IgG1 Isotype:

Immunogen Information: PHA-activated peripheral blood leucocytes

## **Description**

CD25 (IL2Ralpha, Tac) is a ligand-binding alpha subunit of interleukin 2 receptor (IL2R). Together with beta and gamma subunit CD25 constitues the high affinity IL2R, whereas CD25 alone serves as the low affinity IL2R. CD25 expression rapidly increases upon T cell activation. The 55 kDa CD25 molecule is enzymatically cleaved and shed from the cell surface as a soluble 45 kDa s-Tac, whose concentration in serum can be used as a marker of T cell activation. Expression of CD25 indicates the neoplastic phenotype of mast cells. Humanized anti CD25 antibodies represent a useful tool to reduce the incidence of allograft rejection as well as the severity of graft versus host reaction, and radioimmunoconjugates of anti-CD25 antibodies can be used against CD25 expressing lymphomas.

## **Product Info**

Amount: 100 tests

**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

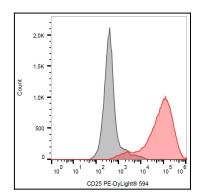


Figure 1: Surface staining of PHA-stimulated (3 days) human PBMC with anti-human CD25 (MEM-181) PE-DyLight® 594.