

## 12-8082: Anti-Human IL-2R alpha (CD25) (Basiliximab) - PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Hu107
<b>Application :</b>	FACS
<b>Alternative Name :</b>	IL-2-RA; IL2-RA; TAC antigen; p55; CD25
<b>Isotype :</b>	Human IgG1k
<b>Immunogen Information :</b>	Human CD25

### Description

Expression Host : HEK-293

This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Basiliximab. Basiliximab recognizes human CD25. This product is for research use only.

CD25, a 55 kD type I transmembrane glycoprotein, has been shown to play roles in lymphocyte differentiation, activation, and proliferation. Many resting memory T cells constitutively express IL2Ralpha. It functions as the receptor for HTLV-1, resulting in its expression on neoplastic cells in adult T cell lymphoma/leukemia. CD25 (sIL-2R) has been used to track disease progression. Some additional clinical applications include Chagas disease, a disease characterized by a decline of CD25 expression on immune cells, and Multiple sclerosis, in which treatments with mAbs target CD25. Anti-Human IL-2R alpha (CD25) (Basiliximab) utilizes the same variable regions from the therapeutic antibody Basiliximab making it ideal for research projects.

### Product Info

<b>Amount :</b>	50 µg
<b>Content :</b>	Concentration : 0.2 mg/ml This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
<b>Storage condition :</b>	This R-phycoerythrin (R-PE) conjugate is stable when stored at 2-8°C. Do not freeze.

### Application Note

The suggested concentration for Basiliximab biosimilar antibody for staining cells in flow cytometry is  $\leq 1.0$  µg per 10<sup>6</sup> cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.