

### 30-2397: Anti-CD129 / IL-9R alpha Monoclonal Antibody (Clone:AH9R7)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	AH9R7
<b>Application :</b>	FACS, ELISA, Functional Assay
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	IL9R
<b>Gene ID :</b>	3581
<b>Uniprot ID :</b>	Q01113
<b>Alternative Name :</b>	IL9R
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Human CD129-transfected cell line

#### Description

CD129 serves as the high affinity alpha subunit of IL-9 receptor. It associates with CD132, the common gamma chain shared by receptors of many different cytokines. CD129 is expressed at low levels by T and B cells, blood cell progenitors, eosinophils, mast cells, epithelial cells, muscle cells and neurons. Its signaling (through JAK/STAT pathways) results in proliferative and anti-apoptotic response, which is critical e.g. for intrathymic T cell development and survival of various cell types. The gene for CD129 is located at the pseudoautosomal regions of X and Y chromosomes and it may be related with the development of asthma.

#### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

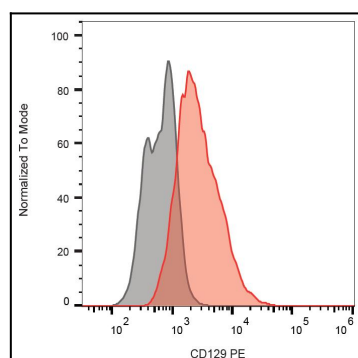


Figure 1: Surface staining of HUT-78 cells with anti-CD129 (AH9R7) PE.