

### 30-1666: Anti-CD129 / IL-9R alpha Monoclonal Antibody (Clone:AH9R7)-Low Endotoxin

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	AH9R7
<b>Application :</b>	FACS, ELISA, Functional Assay
<b>Reactivity :</b>	Human
<b>Gene :</b>	IL9R
<b>Gene ID :</b>	3581
<b>Uniprot ID :</b>	Q01113
<b>Format :</b>	Low Endotoxin
<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>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Application note:* it is recommended to use bright fluorochromes or signal multiplying detection  
**ELISA Functional Application** blocking