

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

Email: info@abeomics.com

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

Clone Name : Monoclonal AH9R7

Application: FACS, ELISA, Functional Assay

Reactivity: Human
Conjugate: PE
Gene: IL9R
Gene ID: 3581
Uniprot ID: Q01113
Alternative Name: IL9R

**Isotype:** Mouse IgG2b

Immunogen Information: 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 antiapoptotic 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**

Amount: 100 tests

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

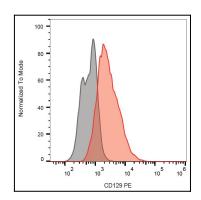


Figure 1: Surface staining of HUT-78 cells with anti-CD129 (AH9R7) PE.