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

Clonality :	Monoclonal
Clone Name :	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 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

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

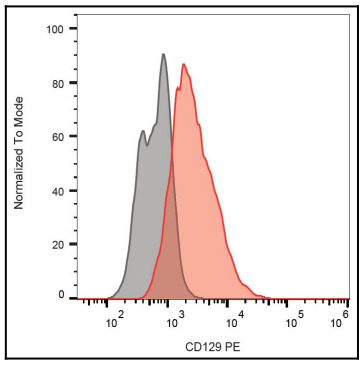


Figure 1: Surface staining of HUT-78 cells with anti-CD129 (AH9R7) PE.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.