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CD123

Rabbit Monoclonal antibody(Mab)
Catalog # AD80534

Product Information

Application	IHC-P
Primary Accession	P26951
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	525I4C1
Calculated MW	43330

Additional Information

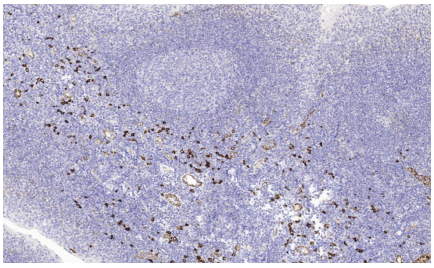
Gene ID	3563
Other Names	Interleukin-3 receptor subunit alpha, IL-3 receptor subunit alpha, IL-3R subunit alpha, IL-3R-alpha, IL-3RA, CD123, IL3RA (HGNC:6012), IL3R
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.

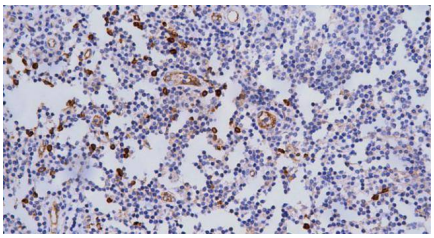
Protein Information

Name	IL3RA (HGNC:6012)
Synonyms	IL3R
Function	Cell surface receptor for IL3 expressed on hematopoietic progenitor cells, monocytes and B-lymphocytes that controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells (PubMed:10527461). Ligand stimulation rapidly induces hetrodimerization with IL3RB, phosphorylation and enzyme activity of effector proteins such as JAK2 and PI3K that play a role in signaling cell proliferation and differentiation. Activation of JAK2 leads to STAT5-mediated transcriptional program (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with CD123 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.





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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.