

CD123
Rabbit Monoclonal antibody(Mab)
Catalog # AD80534**Specification**

CD123 - Product info

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

CD123 - Additional infoGene 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

CD123 - Protein Information**Name** IL3RA ([HGNC:6012](#))**Synonyms****Function****IL3R**

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 heterodimerization 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). Cell membrane; Single-pass type I

Cellular Location

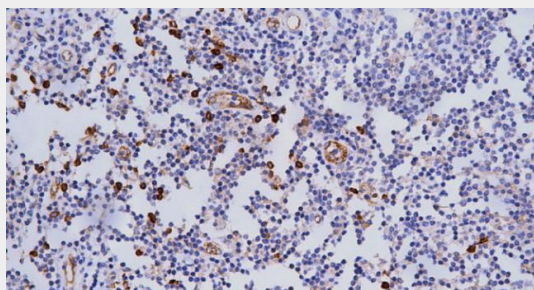
membrane protein

CD123 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD123 - Images



Tonsil