

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

## Specification

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### CD123 - Product info

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P26951</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>43330</b>

### CD123 - Additional info

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 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=6012" target="\_blank">HGNC:6012</a>), IL3R

#### Dilution

IHC-P~~Ready-to-use

#### Storage

**This product is stored at 2-8 °C, please use it within the expiration date.**

### 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). Membrane; Single-pass type I membrane protein.**

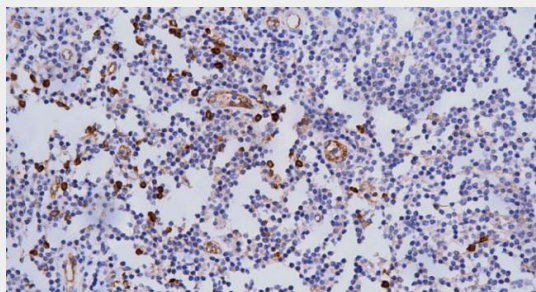
Cellular Location

## 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