

# Anti-CD123 Biotinylated Recombinant Rabbit Monoclonal Antibody

## Product Information

**Product SKU:**

HDLA005

**Size:**

100 µg

**Isotype:**

Rabbit IgG

**Host:**

Rabbit

**Clonality:**

Monoclonal

**Clone:**

DM31

**Category:**

Recombinant Antibody

**Reactivity:**

Human

**Synonyms:**

IL3R, IL3RA, IL-3Ra, IL-3R-alpha, IL3RAY, IL3RX, IL3RY, CD123 antigen, CD123, hIL3Ra, hIL-3Ra, MGC34174, IL-3 R alpha

**Formulation:**

Powder

**Purification Method:**

Purified from cell culture supernatant by affinity chromatography

**Buffer:**

1XPBS

**Storage and Stability:**

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

**Applications**

ELISA, Flow Cyt

**Recommended Dilutions:**

ELISA 1:5000-10000; Flow Cyt 1:100

**Background:**

Interleukin 3 receptor alpha (low affinity) (IL3RA), also known as CD123 (Cluster of Differentiation 123) is a 70-kD glycoprotein member of the hematopoietin receptor superfamily. This protein associates with a beta subunit common to the receptors for IL-5 and granulocyte-macrophage colony-stimulating factor (GM-CSF) to form a high-affinity receptor for IL-3. The interleukin-3 receptor  $\alpha$  chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells.

**Research Use Only:**

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