

Recombinant IL3RA / CD123 (Acute Myeloid Leukemia Marker) Antibody

Rabbit Monoclonal Antibody [Clone IL3RA/17642RR]

Catalog No	Format	Size
3563-RBM14-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3563-RBM14-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3563-RBM14-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

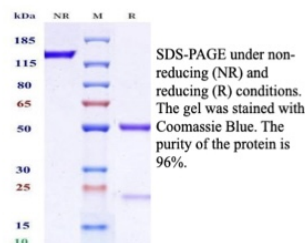
Product Details

Clone	IL3RA/17642RR
Immunogen	Recombinant fragment (around aa 26-171) of human IL3RA protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	43.33kDa
Cellular Localization	Cell membrane
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant IL3RA / CD123 (Acute Myeloid Leukemia Marker) Antibody

Purity: SDS-PAGE



SDS-PAGE Analysis of Purified Recombinant IL3RA / CD123 (Acute Myeloid Leukemia Marker) Rabbit Monoclonal Antibody (IL3RA/17642RR). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.