

Mouse anti-Human IL3RA Monoclonal Antibody | anti-IL3RA antibody

Anti-IL3RA Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14136	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

IL3RA; Monoclonal Antibody; Anti-IL3RA Mouse mAb; IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra; anti-IL3RA antibody

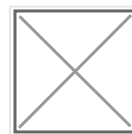
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8E11C5
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	300
Applicable Applications for anti-IL3RA antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human IL3RA (AA: 200-305) expressed in E Coli.

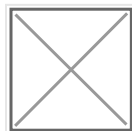
IMAGES


IHC (Immunohistochemistry)

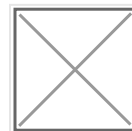
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using IL3RA mouse mAb with DAB staining.


IHC (Immunohistochemistry)

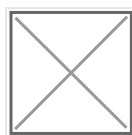
Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using IL3RA mouse mAb with DAB staining.


FCM (Flow Cytometry)

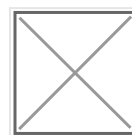
Flow cytometric analysis of HeLa cells using IL3RA mouse mAb (green) and negative control (red).


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using IL3RA mouse mAb (green). Blue


WB (Western Blot)

Western blot analysis using IL3RA mAb against HEK293 (1) and IL3RA (AA)


WB (Western Blot)

Western blot analysis using IL3RA mAb against human IL3RA recombinant protein. (Expected MW is 38.3 kDa)

ADDITIONAL INFORMATION

Related Product Information for anti-IL3RA antibody	Entrez Summary: The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. Alternatively spliced transcript variants encoding distinct isoforms have been found.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	391224440
NCBI GeneID	3563
NCBI Accession #	NP_001254642.1
NCBI GenBank Nucleotide #	NM_001267713.1
UniProt Accession #	P26951; Q5HYQ7; Q5HYQ8; Q9UEH7; A8K3F3; B9VI81
Molecular Weight	43.3
NCBI Official Full Name	interleukin-3 receptor subunit alpha isoform 2
NCBI Official Synonym Full Names	interleukin 3 receptor subunit alpha
NCBI Official Symbol	IL3RA
NCBI Official Synonym Symbols	IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra
NCBI Protein Information	interleukin-3 receptor subunit alpha
UniProt Protein Name	Interleukin-3 receptor subunit alpha
UniProt Gene Name	IL3RA
UniProt Synonym Gene Names	IL3R; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il3ra-antibody-clone-8e11c5-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14136>