

Mouse anti-Human Interleukin-3 (IL-3) Monoclonal Antibody | anti-IL3 antibody

Interleukin-3 (IL-3) Mouse Monoclonal Antibody [Clone IL3/4005]

CATALOG # AAA215740	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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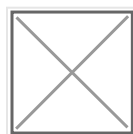
PRODUCT SYNONYMS

Interleukin-3 (IL-3); Monoclonal Antibody; Interleukin-3 (IL-3) Mouse Monoclonal Antibody [Clone IL3/4005]; Colony stimulating factor multiple; Hematopoietic growth factor; Interleukin 3 (colony stimulating factor; multiple); Mast cell growth factor; MCGF; Multi CSF; Multilineage colony stimulating factor; P cell stimulating factor; anti-IL3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	IL3/4005
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-IL3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human IL3 protein (exact sequence is proprietary)
Cellular Localization	Secreted
Positive Control	Human thymus or tonsil tissue.
Hu-chromosome Location	5q31.1
Unigene	694
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Interleukin-3 (IL-3) Mouse Monoclonal Antibody (IL3/4005).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL3 antibody	Interleukin-3, or IL-3, is a pleiotropic cytokine that is primarily secreted by activated T lymphocytes and stimulates the proliferation and differentiation of hematopoietic cells. IL-3 not only supports growth of both pluripotent stem cells and the more differentiated committed progenitors, but it also stimulates the functional activity of some fully differentiated cells. IL-3 has also been shown to protect mast cells from undergoing apoptosis. IL-3 exerts its biological effects through a receptor which consists of a ligand-specific alpha subunit and a signal transducing beta subunit common to the IL-3/IL-5/GM-CSF receptors. The carboxy terminus of the beta subunit has been shown to be necessary for activation of the MAP kinase signaling pathway. Although the IL-3 receptor has no intrinsic kinase activity, stimulation with IL-3 leads to tyrosine phosphorylation of the JAK/Tyk 2 family member, JAK2, which in turn activates and causes nuclear translocation of Stat5a and Stat5b.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	3562
Molecular Weight	17kDa

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/interleukin-3-il-3-antibody-clone-il3-4005-immunohistochemistry-elisa/215740>