

Datasheet for ABIN747788

anti-IL-3 antibody (AA 101-166)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	IL-3
Binding Specificity:	AA 101-166
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse IL-3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	IL-3
Alternative Name:	IL-3 (IL-3 Products)

Target Details

Background:	Synonyms: BPA, PSF, HCGF, IL-3, MCGF, Csfmu, Interleukin-3, Hematopoietic growth factor, Mast cell growth factor, Multipotential colony-stimulating factor, P-cell-stimulating factor, IL3 Background: Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.
Gene ID:	16187
UniProt:	P01586
Pathways:	JAK-STAT Signaling , Regulation of Carbohydrate Metabolic Process , Autophagy

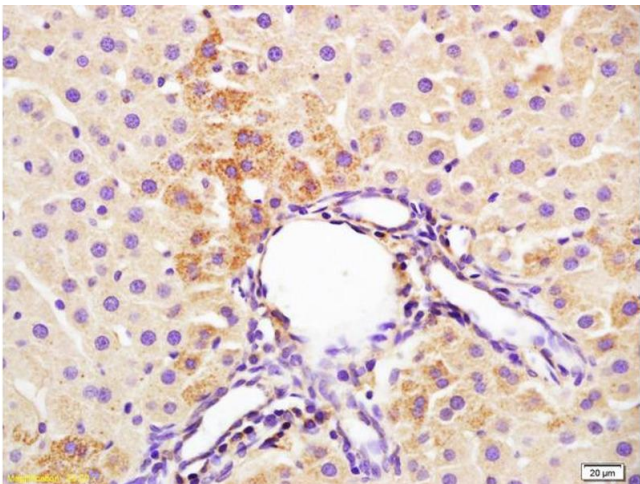
Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

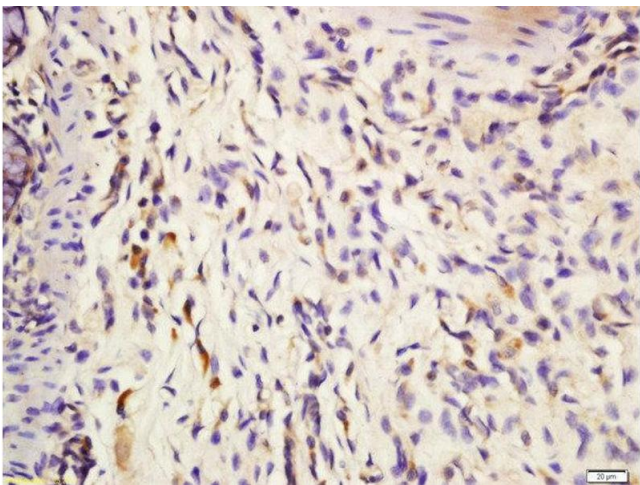
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Product cited in: Zhu, Wang, Yang, Wang, Li, Zhou, Zhang: "Hematopoietic Effects of Paeoniflorin and Albiflorin on Radiotherapy-Induced Myelosuppression Mice." in: **Evidence-based complementary and alternative medicine : eCAM**, Vol. 2016, pp. 5789381, (2016) ([PubMed](#)).



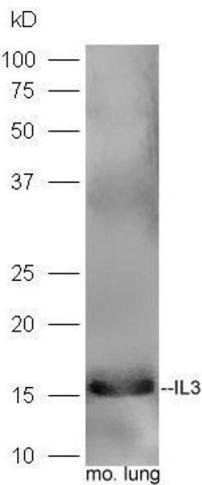
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat liver labeled with Anti-IL-3 Polyclonal Antibody, Unconjugated (ABIN747788) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded mouse intestine labeled with Anti-IL-3 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 3. Mouse lung lysates probed with Rabbit Anti-IL-3 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.