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Datasheet for ABIN116369 anti-IL-3 beta antibody

Overview

Quantity:	50 µg
Target:	IL-3 beta
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL-3 beta antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant rIL-3 beta.
Specificity:	Rat Interleukin-3 beta
Cross-Reactivity (Details):	Species reactivity (tested):Rat.
Purification:	Affinity chromatography

Target Details

Target:	IL-3 beta
Alternative Name:	Interleukin-3 beta / IL3 beta (IL-3 beta Products)
Background:	IL3 acts in hematopoiesis by controlling the production, differentiation, and function of two related white cell populations of the blood, the granulocytes and the monocytes/macrophages. It induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes and is expressed by activated T cells, mast cells, and natural killer

Target Details

cells.Synonyms: IL-3 beta, IL3B

Gene ID: 24495

NCBI Accession: [NP_113701](#)

UniProt: [P97688](#)

Application Details

Application Notes: Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of RatIL-3beta (100 ng/mL), a concentration of 2.7-4.0 µg/mL of this antibody is required. ELISA: To detect rat IL-3 beta by direct ELISA (using 100 µL/well antibody solution) this antibody can be used at a concentration of 0.15-0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant rat IL-3 beta. Western Blot: To detect rat IL-3 beta by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant rat IL-3 beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore in sterile water to a concentration of 0.1-1.0 mg/mL

Buffer: PBS, pH 7.2 without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing. Centrifuge vial prior to opening!

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2-8 °C for one month or at -20 °C for longer.