

IL3

Goat Anti-Rat IL-3 beta Affinity Purified pAb

Catalog No.	CPI146	Quantity:	100 µg
Alternate Names:	IL-3, MCGF, MULTI-CSF, interleukin-3, IL-3, MCGF, mast cell growth factor, P-cell-stimulating factor, hematopoietic growth factor, multipotential colony-stimulating factor		
Description:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant rIL-3 beta. Anti-rIL-3 beta specific antibody was purified by affinity chromatography employing immobilized rIL-3 beta matrix.		
Gene ID:	24495		
Specificity:	Recognizes rat IL-3 beta		
Host:	Goat		
Immunogen:	Recombinant rat IL-3 beta		
Formulation:	Lyophilized from PBS, pH 7.2		
Purification:	Biospecific affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 -1.0 mg/ml.		
Applications:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Rat IL-3β (100 ng/ml), a concentration of 2.7 - 4.0 µg/ml of this antibody is required.		

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.

ELISA: Indirect: To detect rat IL-3 beta by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant rat IL-3 beta. Sandwich: To detect rat IL-3 beta by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant rat IL-3 beta.

Storage & Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

