

IL15

IL15, Rabbit Anti-Human Interleukin-15 Affinity Purified pAb

Catalog No.	PA0672	Quantity:	100 µg
Alternate Names:	Interleukin 15, IL-15		
Description:	Rabbit Anti-human IL15 Affinity Purified polyclonal antibody. IL15 is a cytokine with structural similarity to Interleukin-2. Like IL-2, IL-15 binds to and signals through a complex composed of IL-2/IL-15 receptor beta chain (CD122) and the common gamma chain (gamma-C, CD132). IL-15 is secreted by mononuclear phagocytes (and some other cells) following viral infection. IL15 induces cell proliferation of natural killer cells; cells of the innate immune system whose principal role is to kill virally infected cells.		
Gene ID:	3600		
UniProtKB:	P40933		
Specificity:	Human IL15		
Host:	Rabbit		
Immunogen:	Recombinant Human IL15		
Formulation:	Lyophilized from PBS in sterile filtered solution pH 7.2		
Purification:	Antigen affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 - 1.0 mg/mL.		
Applications:	Neutralization, ELISA, Western Blot		
Application Notes:	<p>Neutralization: To yield one-half maximal inhibition [ND₅₀] of the biological activity of human IL15 (2.0 ng/mL), a concentration of 0.12-0.15 µg/mL of this antibody is required.</p> <p>ELISA: To detect human IL15 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human IL15.</p> <p>Western Blot: To detect human IL15 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 human IL15 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p>		

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store desiccated at -20 °C for up to one year. Upon reconstitution, store at 2-8 °C for up to two weeks or for 6 months in working aliquots at -20 °C to -80 °C. **Avoid repeated**



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