

## IL15

### Rabbit Anti-Human IL-15 Affinity Purified, Biotin pAb

<b>Catalog No.</b>	PA0672BT	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Interleukin-15, CD122		
<b>Description:</b>	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.		
<b>Gene ID:</b>	3600		
<b>UniProt ID:</b>	P40933		
<b>Specificity:</b>	Human IL15		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant Human IL15, highly pure >98%		
<b>Conjugate:</b>	Biotin		
<b>Formulation:</b>	Lyophilized from PBS in sterile filtered solution pH 7.2		
<b>Purification:</b>	Antigen affinity chromatography, followed by biotinylation		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute in sterile water to a concentration of 0.1 - 1.0 mg/mL.		
<b>Application Notes:</b>	<b>Sandwich ELISA:</b> To detect hIL-15 by sandwich ELISA (using 100 µL/well antibody solution) this antibody can be used at a concentration of 0.25-1.0 µg/mL. Used in conjunction with PA0672, polyclonal anti-human hIL-15, allows the detection of 0.2 - 0.4 ng/well of recombinant hIL-15. <b>Western Blot:</b> To detect hIL-15 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 hIL-15 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store as supplied 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. <b>Avoid repeated freeze-thaw cycles.</b>		

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