



Rabbit Anti-Human IL-15 monoclonal antibody, clone S223 (CABT-ZB599)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human IL-15
Target	IL15
Immunogen	Recombinant Human IL15/IL-15/Interleukin 15 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S223
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB599 - CABT-ZB950 This antibody will detect IL-15 in antibody pair set. [ABPR-ZB177]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human IL15 / IL-15 / Interleukin 15.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	The protein encoded by the IL15 gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietic receptor subunits and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Alternatively, spliced transcript variants of this gene have been reported.
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Keywords	IL15; interleukin 15; IL-15; interleukin-15
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GENE INFORMATION

Synonyms	IL15; interleukin 15; IL-15; interleukin-15
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Entrez Gene ID	3603
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UniProt ID	Q14005
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