



Rabbit Anti-Human IL-18RAP monoclonal antibody, clone S144 (CABT-ZB827)

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

PRODUCT INFORMATION

Specificity	It reacts with Human IL-18R beta/IL-18RAP
Target	IL18RAP
Immunogen	Recombinant Human IL18RAP Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S144
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB827 - CABT-ZB1116 This antibody will detect IL-18RAP in antibody pair set. [ABPR-ZB408]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human IL18RAP.
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	Interleukin 18 receptor accessory protein, also known as IL18RAP and CDw218b (cluster of differentiation w218b), is an accessory subunit of the heterodimeric receptor for IL18. This protein enhances the IL18 binding activity of IL18R1 (IL1RRP), a ligand-binding subunit of the IL18 receptor. The coexpression of IL18R1 and this protein is required for the activation of NF-kappaB and MAPK8 (JNK) in response to IL18. IL18RAP is required for the high-affinity binding of interleukin 18 (IL-18) to its receptor complex. IL18RAP together with IL18R1 mediates IL-18-dependent activation of NF-kappa-B and JNK. Two putative isoforms of IL18RAP were detected and the ratios and total levels of these isoforms may contribute to the etiology of coeliac disease. IL18R1 and IL18RAP polymorphisms have been found associated with diseases such as schizophrenia, HSV1 seropositivity, and atopic asthma. Analysis of IL18R1 and IL18RAP SNPs in 5 European prospective cohorts suggests that the variability of these genes are unlikely to contribute to modulate the risk of CVD in European populations.
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Keywords	IL 10C; IL 19; IL-19; IL19
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GENE INFORMATION

Synonyms	IL 10C; IL 19; IL-19; IL19; Interleukin 19; Interleukin-19; MDA1; Melanoma differentiation-associated protein-like protein; NG.1; ZMDA1
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Entrez Gene ID	29949
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UniProt ID	Q9UHD0
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