



Rabbit Anti-Human IL18 monoclonal Antibody, clone 2183G (CABT-L956R)

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

PRODUCT INFORMATION

Product Overview	Recombinant Rabbit Anti-Human IL18 monoclonal antibody, clone 2183G [Biofunctional Grade]
Specificity	Detects human IL-18/IL-1F4 in direct ELISAs.
Immunogen	E. coli-derived recombinant human IL-18/IL-1F4 (37-193)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	2183G
Purification	Protein A or G purified from cell culture supernatant
Conjugate	Unconjugated
Applications	Neut
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. Endotoxin Level: <0.10 EU per 1 µg of the antibody by the LAL method.
Preservative	None

Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Interleukin-18 (IL-18) is a proinflammatory cytokine in the IL-1 family that exerts distinct immune effects depending on the local cytokine environment. It is expressed as a 24 kDa precursor by endothelial and epithelial cells, keratinocytes, gamma δ T cells, and phagocytes. The precursor is activated intracellularly by Caspase-1 mediated proteolysis to release the 17 kDa mature cytokine. The precursor can also be released by necrotic cells for extracellular cleavage by multiple proteases. IL-18 activation is induced by infection or tissue damage and contributes to disease pathology in chronic inflammation.
Keywords	Iboctadekin;IFN-gamma-inducing factor;IGIF;IGIFIL-1 gamma;IL18;IL-18;IL-18MGC12320;IL-1F4;IL1F4iboctadekin;IL-1g;Interferon gamma-inducing factor;interleukin 18 (interferon-gamma-inducing factor);Interleukin-1 gamma;interleukin-18

GENE INFORMATION

Official Symbol	interleukin 18
Synonyms	IL18; interleukin 18; IGIF; IL-18; IL-1g; IL1F4; interleukin-18; interleukin-18; IFN-gamma-inducing factor; IL-1 gamma; iboctadekin interleukin 18 (interferon-gamma-inducing factor); interleukin-1 gamma
Entrez Gene ID	#3606
