



# 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

<b>Product Overview</b>	Recombinant Rabbit Anti-Human IL18 monoclonal antibody, clone 2183G [Biofunctional Grade]
<b>Specificity</b>	Detects human IL-18/IL-1F4 in direct ELISAs.
<b>Immunogen</b>	E. coli-derived recombinant human IL-18/IL-1F4 (37-193)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	2183G
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Neut
<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Format</b>	Lyophilized
<b>Size</b>	500 µg
<b>Buffer</b>	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.
<b>Preservative</b>	None

<b>Storage</b>	Store at -20°C.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Ibctadekin;IFN-gamma-inducing factor;IGIF;IGIFIL-1 gamma;IL18;IL-18;IL-18MGC12320;IL-1F4;IL1F4ibctadekin;IL-1g;Interferon gamma-inducing factor;interleukin 18 (interferon-gamma-inducing factor);Interleukin-1 gamma;interleukin-18

## GENE INFORMATION

<b>Official Symbol</b>	interleukin 18
<b>Synonyms</b>	IL18; interleukin 18; IGIF; IL-18; IL-1g; IL1F4; interleukin-18; interleukin-18; IFN-gamma-inducing factor; IL-1 gamma; ibctadekin interleukin 18 (interferon-gamma-inducing factor); interleukin-1 gamma
<b>Entrez Gene ID</b>	<a href="#">#3606</a>