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12-9642: Anti-IL18BP antibody(1G1), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	1G1
Application :	ELISA
Reactivity :	Human
Gene :	IL18BP
Uniprot ID :	O95998
Alternative Name :	FVH;IL18BPa
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]

Product Info

Amount :	10µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1/5000-10000

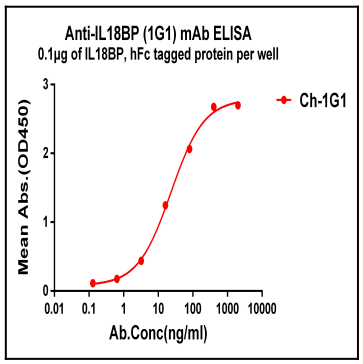


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IL18BP, hFc tagged protein can bind Rabbit anti-IL18BP monoclonal antibody(clone: 1G1) in a linear range of 5-100 ng/ml.

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