



# IL18 binding protein mouse mAb

<b>Catalog No</b>	YP-Ab-04478
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	il18bp
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human IL18 binding protein protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of IL18 binding protein and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:400
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	I18BP_HUMAN;IL-18BP;IL18 BP;IL18 BPα;IL18BP;IL18BPα;Interleukin 18 binding protein; Interleukin-18-binding protein;MC51L 53L 54L homolog gene product;Tadekinig alfa; Tadekinig-alfa.
<b>Observed Band</b>	37kD
<b>Cell Pathway</b>	Secreted .
<b>Tissue Specificity</b>	Strongly expressed in heart, lung, placenta and spleen.
<b>Function</b>	function: Binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response.,similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,tissue specificity: Strongly expressed in heart, lung, placenta and spleen.,
<b>Background</b>	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],



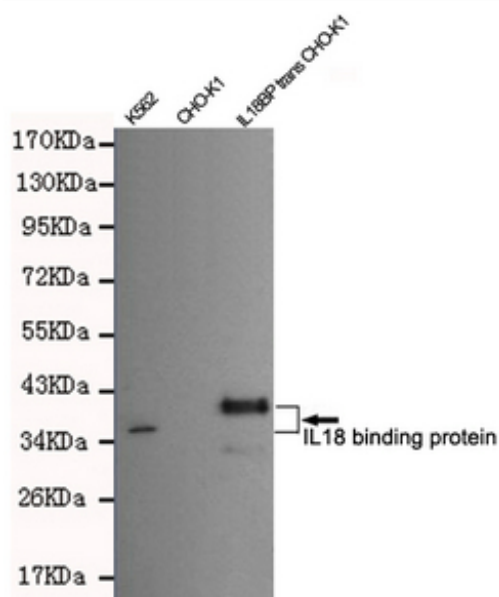
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot detection of IL18 binding protein in CHO-K1 cells transfected by IL18BP-PDGFR fusion protein and K562 cell lysates using IL18 binding protein mouse mAb (1:400-1:1000 diluted). Predicted band size:37KDa. Observed band size:37/40KDa.