

## IL18 binding protein mouse mAb

<b>Catalog No :</b>	YM1364
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB
<b>Target :</b>	IL18BP
<b>Gene Name :</b>	il18bp
<b>Human Gene Id :</b>	10068
<b>Human Swiss Prot No :</b>	O95998
<b>Mouse Swiss Prot No :</b>	Q9Z0M9
<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>Dilution :</b>	wb 1:400
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	37kD
<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],

**Function :**

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.,

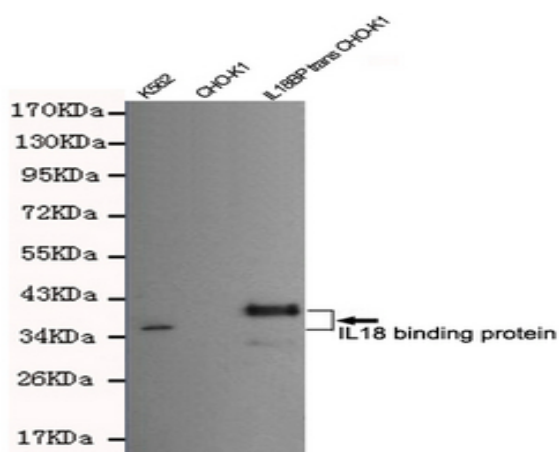
**Subcellular Location :**

Secreted .

**Expression :**

Strongly expressed in heart, lung, placenta and spleen.

## 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.