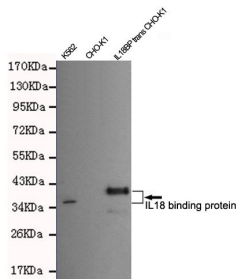




IL-18BP

Mouse monoclonal Antibody

#53321

**Catalog Number:** 53321**Amount:** 100µg/100µl**Swiss-Prot No. :** O95998**Gene name:** il18bp**Gene id:** 10068**Clone Number:** 5C7-D2-G4-B6**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human IL-18BP protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of IL-18BP and does not cross-react with related proteins**Reactivity:** Human, Mouse, Rat, Monkey**Applications:** Predicted MW: 37kd WB: 1:400

Western blot detection of IL18 binding protein in CHO-K1 cells transfected by IL18BP-PDGFR fusion protein and K562 cell lysates using IL 18 binding protein mouse mAb (1:400-1:1000 diluted). Predicted band size: 37KDa. Observed band size: 37/40KDa.

### Background:

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.