

**Product:** Anti-RNH1  
**Catalog #:** 01-2692  
**Amount:** 100 µl

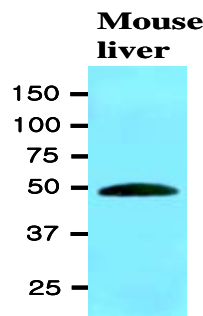
**DESCRIPTION:** Ribonuclease inhibitor 1(RNH1) the placental ribonuclease inhibitor, is an acid protein with a molecular weight of 50 kDa. RNH1 is a member of a family of proteinaceous cytoplasmic RNase inhibitors that are expressed in many tissues and bind to both intracellular and extracellular RNases in the cytosol. RNH1 is a role in abolishing the ribonucleolytic and angiogenic activities of angiogenin  
 NCBI Accession No.: NP\_002930

**CATEGORY:** Mouse monoclonal  
**CLONE:** 1H23  
**IMMUNOGLOBULIN SUBTYPE:** Mouse IgG2a heavy chain and kappa light chain  
**IMMUNOGEN:** Recombinant human Ribonuclease inhibitor 1(RNH1) (7-461aa) purified from *E. coli*  
**FORM:** Affinity purified, in PBS containing 0.05% NaN<sub>3</sub> and protein stabilizer  
**ANTIGEN RECOGNIZED**  
**IN SPECIES:** Human, mouse  
**SPECIFICITY:** Ribonuclease inhibitor 1(RNH1)  
**APPLICATION (tested so far):** Immunoblotting (western, ECL)  
 ELISA  
**POSITIVE CONTROL:** Mouse liver  
**CONCENTRATION:** 0.1 mg/ml  
**WORKING DILUTION:** Immunoblotting: 1:100 – 1:200  
 ELISA: starting dilution: 1:100  
 The optimal working dilution should be determined by serial dilution

**STORAGE:** 2-8°C for immediate use, extended storage at -20°C (aliquot)

**REFERENCE:**  
 Park J.H., et al., (2008) Cytotechnology 57(1):93-99  
 Johnson R.J., et al., (2007) J Mol Biol 368(2):434-449  
 Fu P, et al., (2005) Cancer Gene Ther 12(3):268-275

**Western blot analysis**  
 The extracts of mouse liver (20ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human RNH1 (1:100). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



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