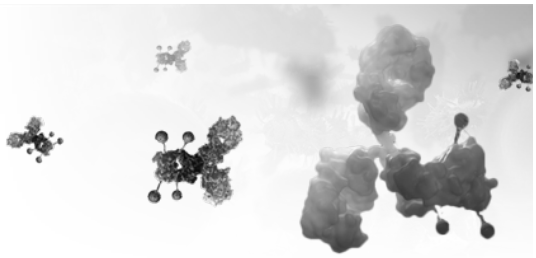

# Mouse Anti-Ribonuclease Inhibitor monoclonal antibody, clone 2I34 (CABT-L7840)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Immunogen** | Recombinant Ribonuclease inhibitor (7-461aa) purified from E. coli |
| **Isotype** | IgG2a, κ |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 2I34 |
| **Purification** | Protein G purified |
| **Conjugate** | Unconjugated |
| **Applications** | WB, ELISA, FC, ICC/IF<br>Recommended dilution:<br>ELISA 1:100-1:2000<br>ICC/IF 1:100<br>wb 1:1000-1:2000 |
| **Format** | Liquid |
| **Concentration** | Lot specific |
| **Buffer** | PBS (pH 7.4), 10% Glycerol<br>Preservative: 0.02% Sodium Azide |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at -20°C. |

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| | |
|---|---|
| **Ship** | Wet ice |

# BACKGROUND

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|---|---|
| **Introduction** | RNH1 belongs to the proteinaceous cytoplasmic RNase inhibitors family which occur in many tissues and binds to both intracellular and extracellular RNases. In addition to control of intracellular RNases, the inhibitor may have a part in the regulation of angiogenin. The 50kDa RNH1 binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases possibly play a critical role in the turnover of RNA in eukaryotic cells, RNH1 may be vital for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible in vivo. |
| **Keywords** | RNase inhibitor; Ribonuclease inhibitor; RAI; RNH1 |

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