

Recombinant RENT1 Monoclonal Antibody

catalog number: **E-AB-81603**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

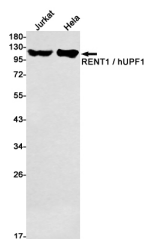
Description

| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | A synthetic peptide of human RENT1 |
| Host | Rabbit |
| Isotype | IgG |
| Clone | R02-2E6 |
| Purification | Affinity Purified |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

Applications

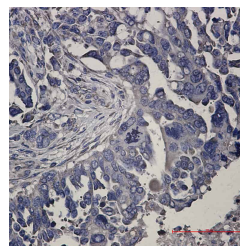
| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:2000-1:3000 |
| IHC | 1:50-1:100 |
| IF | 1:50-1:100 |

Data

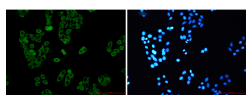


Western blot detection of RENT1 / hUPF1 in Jurkat, Hela cell lysates using RENT1 / hUPF1 Rabbit mAb (1:1000 diluted). Predicted band size: 124 kDa. Observed band size: 124 kDa.

Observed-MW: 124 kDa
Calculated-MW: 124 kDa



Immunohistochemistry of RENT1 in paraffin-embedded Human Cholangiocarcinoma using RENT1 Rabbit mAb at dilution 1:50



Immunofluorescence of RENT1 (green) in Hela using RENT1 Rabbit mAb at dilution 1:50, and DAPI (blue)

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

For Research Use Only

This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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