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Datasheet for ABIN534101  
**anti-RNASEL antibody**

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### Overview

Quantity:	100 µL
Target:	RNASEL
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RNASEL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant RNASEL.
Immunogen:	Recombinant protein corresponding to full length human RNASEL.
Clone:	2E9
Isotype:	IgG1
Specificity:	This antibody is specific to human RNaseL.
Cross-Reactivity:	Hamster, Human, Monkey, Primate

### Target Details

Target:	RNASEL
Alternative Name:	RNASEL ( <a href="#">RNASEL Products</a> )
Gene ID:	6041

## Target Details

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Pathways: [Hepatitis C](#)

## Application Details

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Application Notes: Western Blot (1:1000-1:4000)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

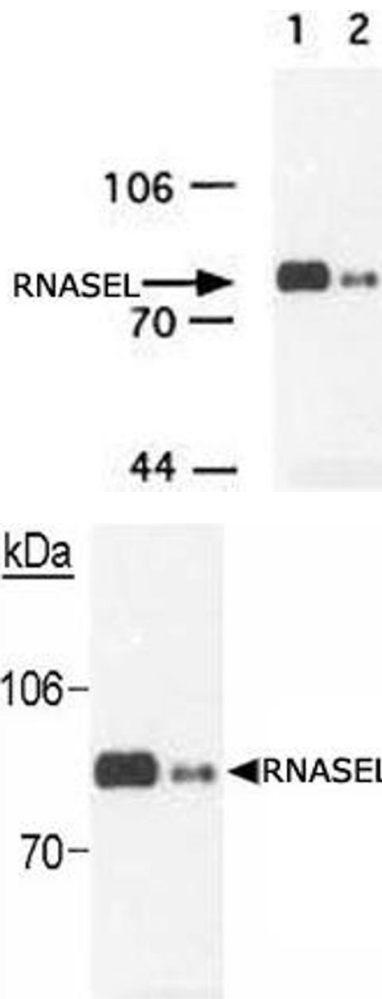
Storage Comment: Store at -20°C or -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Han, Townsend, Jha, Paranjape, Silverman, Barton: "A phylogenetically conserved RNA structure in the poliovirus open reading frame inhibits the antiviral endoribonuclease RNase L." in: **Journal of virology**, Vol. 81, Issue 11, pp. 5561-72, (2007) ([PubMed](#)).

Carpten, Nupponen, Isaacs, Sood, Robbins, Xu, Faruque, Moses, Ewing, Gillanders, Hu, Bujnovszky, Makalowska, Baffoe-Bonnie, Faith, Smith, Stephan, Wiley, Brownstein, Gildea, Kelly, Jenkins, Hostetter et al.: "Germline mutations in the ribonuclease L gene in families showing linkage with HPC1. ..." in: **Nature genetics**, Vol. 30, Issue 2, pp. 181-4, (2002) ([PubMed](#)).



#### Western Blotting

**Image 1.** Western blot analysis of RNASEL in insect cell extracts transfected with recombinant human RNASEL using RNASEL monoclonal antibody, clone 2E9 .

#### Western Blotting

**Image 2.** Western blot analysis of RNASEL in transfected cells (0.1 ug) and Hey1B (100 ug), using RNASEL monoclonal antibody, clone 2E9 .