

## Recombinant Drosha Monoclonal Antibody

catalog number: **AN301162L**

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

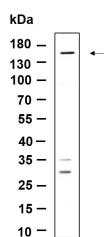
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human Drosha protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B921
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

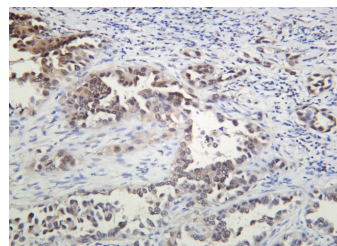
Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:2000-1:10000

### Data



Western Blot with Recombinant Drosha Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela lysate.

**Observed-MW:159 kDa**  
**Calculated-MW:159 kDa**



Immunohistochemistry of paraffin-embedded human lung adenocarcinoma2 using Recombinant Drosha Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

**DROSHA**(drosha ribonuclease III) Homo sapiens This gene encodes a ribonuclease (RNase) III double-stranded RNA-specific ribonuclease and subunit of the microprocessor protein complex, which catalyzes the initial processing step of microRNA (miRNA) synthesis. The encoded protein cleaves the stem loop structure from the primary microRNA (pri-miRNA) in the nucleus, yielding the precursor miRNA (pre-miRNA), which is then exported to the cytoplasm for further processing. In a human cell line lacking a functional copy of this gene, canonical miRNA synthesis is reduced. Somatic mutations in this gene have been observed in human patients with kidney cancer.

### For Research Use Only

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