

Recombinant

DGRmAb®

**DROSHA (DGR33325) Rabbit mAb (PBS Only)**

db12329-PBS

Package : 100µg

**Product Name :** DROSHA (DGR33325) Rabbit mAb (PBS Only)**Cat.No.:** db12329-PBS**Synonyms :** RN3; ETOH2; RNASEN; RANSE3L; RNASE3L; HSA242976**Application :** WB, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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. [provided by RefSeq, Sep 2016]

**Immunogen**

Recombinant protein of human DROSHA

**Gene ID**

29102

**Swiss Prot**

Q9NRR4

**Synonyms**

RN3; ETOH2; RNASEN; RANSE3L; RNASE3L; HSA242976

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:50

FC: 1:200-1:500

**Calculated MW**

159 kDa

**Observed MW**

159 kDa

**Host species**

Rabbit

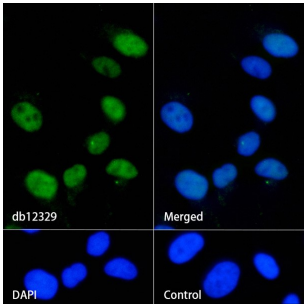
**Clonality**

Monoclonal

**Clonality No.**

DGR33325

|                   |   |
|-------------------|---|
| Isotype           | IgG   |
| Purity            | Affinity Purification   |
| Conjugation       | PBS Only  |
| Concentration     | 1mg/mL  |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



Immunofluorescence analysis of HeLa cells labelling DROSHA with db12329.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12329 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.