Recombinant DGRmAb®

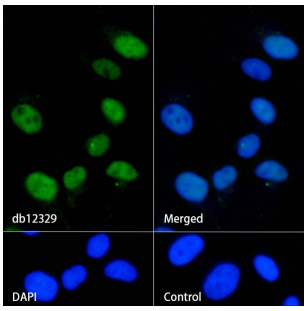
DROSHA (DGR33325) Rabbit mAb

db12329 **Package : 10μL 20μL 50μL 100μL**

Product Name : DROSHA (DGR33325) Rabbit mAb
Cat.No.: db12329
Synonyms : RN3; ETOHI2; 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; ETOHI2; 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	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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.