

Recombinant

DGRmAb®

## Fibrillarin (DGR18857) Rabbit mAb (PBS Only)

db12029-PBS

Package : 100µg

**Product Name :** Fibrillarin (DGR18857) Rabbit mAb (PBS Only)**Cat.No.:** db12029-PBS**Synonyms :** FIB; FLRN; Nop1; RNU3IP1**Application :** WB, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarin. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Fibrillarin

**Gene ID**

2091

**Swiss Prot**

P22087

**Synonyms**

FIB; FLRN; Nop1; RNU3IP1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

ICC/IF: 1:500-1:5000

FC: 1:10-1:100

**Calculated MW**

34 kDa

**Observed MW**

34 kDa

**Host species**

Rabbit

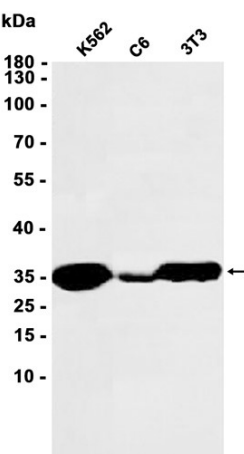
**Clonality**

Monoclonal

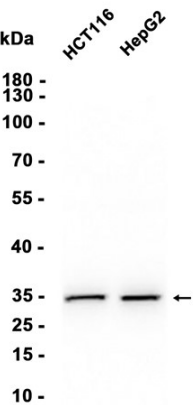
**Clonality No.**

DGR18857

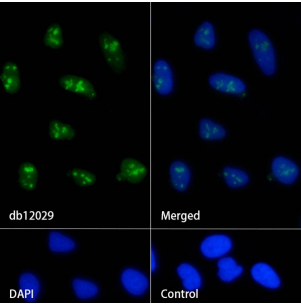
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/ml
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months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



Western blot analysis of extracts from K562, C6, 3T3 cells using [db12029](#) at 1:1000.



Western blot analysis of extracts from HCT116, HepG2 cells using [db12029](#) at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Fibrillarin with [db12029](#).

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 [db12029](#) (1:500) 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.