

Recombinant

DGRmAb®

DGCR8 (DGR19704) Rabbit mAb (PBS Only)

db11246-PBS

Package : 10µg 100µg

Product Name : DGCR8 (DGR19704) Rabbit mAb (PBS Only)**Cat.No.:** db11246-PBS**Synonyms** : Gy1; pasha; DGCRK6; C22orf12**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

Immunogen

Recombinant protein of human DGCR8

Gene ID

54487

Swiss Prot

Q8WYQ5

Synonyms

Gy1; pasha; DGCRK6; C22orf12

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Calculated MW

86 kDa

Observed MW

120 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19704

Isotype

IgG

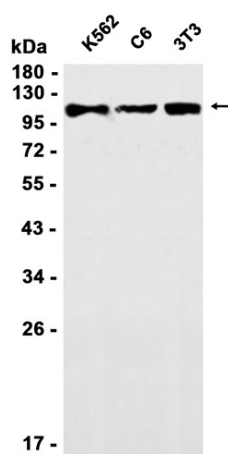
Purity

Affinity Purification

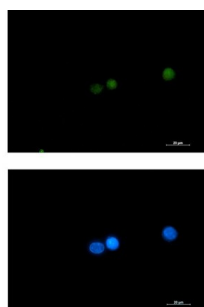
Conjugation

Un-conjugated

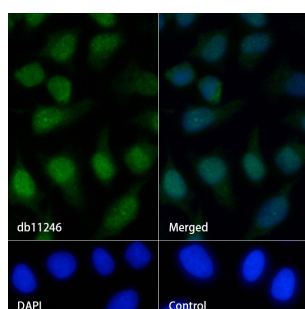
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3 cells using [db11246](#) at 1:1000.



Immunofluorescent analysis of K562 cells using [db11246](#) antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling DGCR8 with [db11246](#).

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 [db11246](#) (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.