

Recombinant

DGRmAb®

Cytokeratin 8 (DGR11203) Rabbit mAb (PBS Only)

db16057-PBS

Package : 可询价

Product Name : Cytokeratin 8 (DGR11203) Rabbit mAb (PBS Only)**Cat.No.:** db16057-PBS**Synonyms** : K8; KO; CK8; CK-8; CYK8; K2C8; CARD2**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

Immunogen

A synthetic peptide of human Cytokeratin 8

Gene ID

3856

Swiss Prot

P05787

Synonyms

K8; KO; CK8; CK-8; CYK8; K2C8; CARD2

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Calculated MW

54 kDa

Observed MW

54 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11203

Isotype

IgG

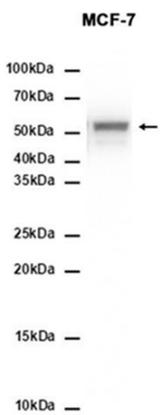
Purity

Affinity Purification

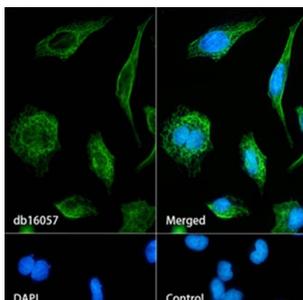
Conjugation

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.



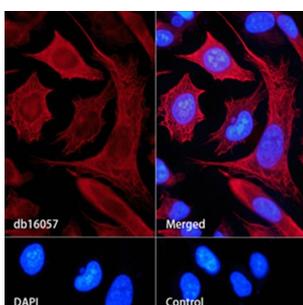
Western blot analysis of extracts from MCF-7 cells using [db16057](#) at 1:5000.



Immunofluorescence analysis of HeLa cells labelling Cytokeratin 8 with [db16057](#).

The cells were fixed with cold 100% methanol (10min, 4°C) 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 [db16057](#) (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.



Immunofluorescence analysis of HeLa cells labelling Cytokeratin 8 with [db16057](#).

The cells were fixed with cold 100% methanol (10min, 4°C) 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 [db16057](#) (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF647 [db10006](#), shown in red). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.