







Cytokeratin 8 (DGR11203) Rabbit mAb

db16057 Package : 10μL 20μL 50μL 100μL

Product Name: Cytokeratin 8 (DGR11203) Rabbit mAb

Cat.No.: db16057

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; K0; CK8; CK-8; CYK8; K2C8; CARD2

Reactivity Human, Mouse, Rat

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

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:100-1:200 ICC/IF: 1:100-1:500

FC: 1:20-1:50

IP: 1:20

Calculated MW 54 kDa

Observed MW 54 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR11203

Isotype IgG

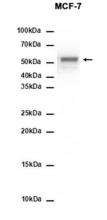
Purity Affinity Purification

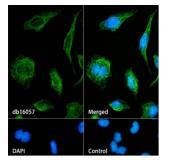
Conjugation Un-conjugated

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.

Western blot analysis of extracts from MCF-7 cells using db16057 at 1:5000.

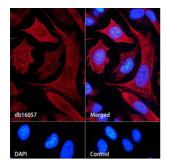




 $Immuno fluorescence\ analysis\ of\ HeLa\ cells\ labelling\ Cytokeratin\ 8\ with\ db16057.$

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 temperature 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 temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF647 (db10006, shown in red). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



