Recombinant DGRmAb®

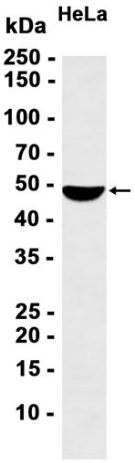
Cytokeratin 17 (DGR16018) Rabbit mAb

db14214 **Package : 10μL 20μL 50μL 100μL**

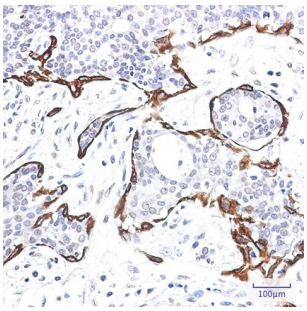
Product Name : Cytokeratin 17 (DGR16018) Rabbit mAb
Cat.No.: db14214
Synonyms : PC; K17; PC2; 39.1; CK-17; PCHC1
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex. [provided by RefSeq, Aug 2008]
Immunogen	A synthetic peptide of human Cytokeratin 17
Gene ID	3872
Swiss Prot	Q04695
Synonyms	PC; K17; PC2; 39.1; CK-17; PCHC1
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:20-1:50 IP: 1:20
Calculated MW	48 kDa
Observed MW	48 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16018
Isotype	IgG

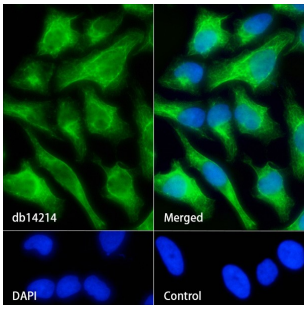
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db14214 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db14214 antibody.



Immunofluorescence analysis of HeLa cells labelling Cytokeratin 17 with db14214.

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 db14214 (1:100) 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.