Recombinant DGRmAb®

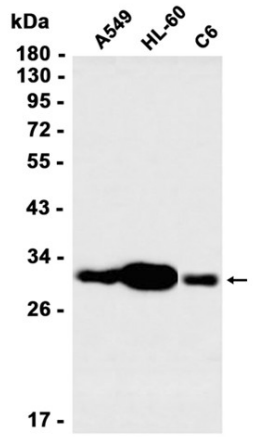
Prohibitin (DGR34304) Rabbit mAb

db11502 **Package : 10μL 20μL 50μL 100μL**

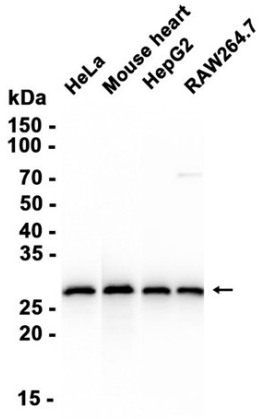
Product Name : Prohibitin (DGR34304) Rabbit mAb
Cat.No.: db11502
Synonyms : PHB1; HEL-215; HEL-S-54e
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Immunogen	A synthetic peptide of human Prohibitin
Gene ID	5245
Swiss Prot	P35232
Synonyms	PHB1; HEL-215; HEL-S-54e
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 IP: 1:100
Calculated MW	30 kDa
Observed MW	30 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR34304
Isotype	IgG

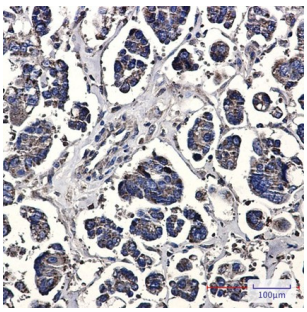
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



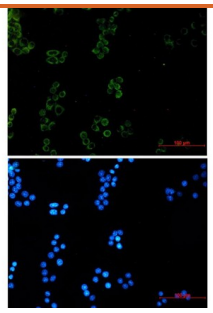
Western blot analysis of extracts from A549, HL-60, C6 cells using db11502 at 1:1000.



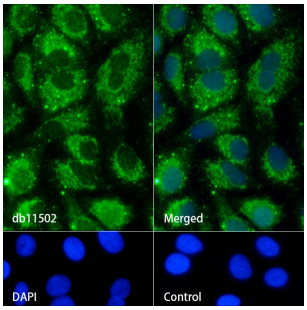
Western blot analysis of extracts from HeLa, HepG2, RAW264.7 cells and Mouse heart tissue using db11502 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using db11502 antibody.



Immunofluorescent analysis of HeLa cells using db11502 antibody (green), and DAPI (blue).



Immunofluorescence analysis of A549 cells labelling Prohibitin with db11502.

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 db11502 (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.