Recombinant DGRmAb®

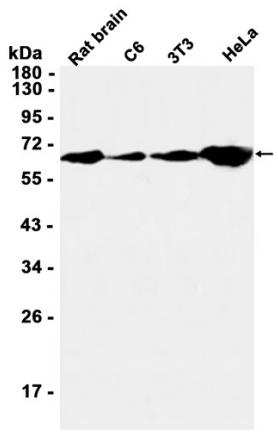
PRMT3 (DGR16719) Rabbit mAb

db13113 **Package : 10μL 20μL 50μL 100μL**

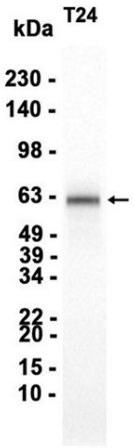
Product Name : PRMT3 (DGR16719) Rabbit mAb
Cat.No.: db13113
Synonyms : HRMT1L3
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human
Host species : Rabbit

Background	This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Immunogen	A synthetic peptide of human PRMT3
Gene ID	10196
Swiss Prot	O60678
Synonyms	HRMT1L3
Reactivity	Human
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:100 ICC/IF: 1:50 IP: 1:20-1:50
Calculated MW	60 kDa
Observed MW	60 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16719
Isotype	IgG

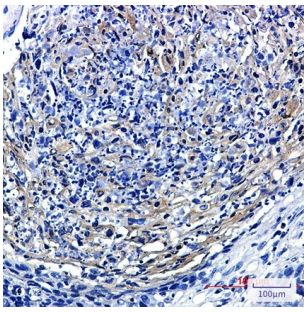
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



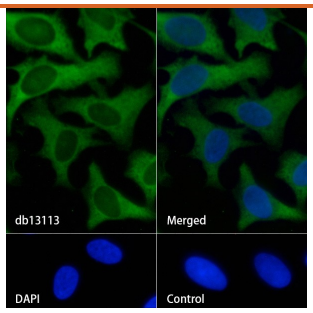
Western blot analysis of extracts from C6, 3T3, HeLa cells and Rat brain tissue using db13113 at 1:1000.



Western blot analysis of extracts from T24 cells using db13113 at 1:6000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13113 antibody.



Immunofluorescence analysis of HeLa cells labelling PRMT3 with db13113.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db13113 (1:50) 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.