Recombinant DGRmAb®

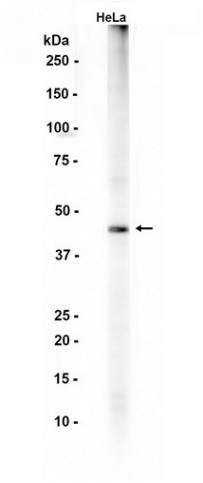
PHD1 (DGR15848) Rabbit mAb (PBS Only)

db11394-PBS **Package : 10μg 100μg**

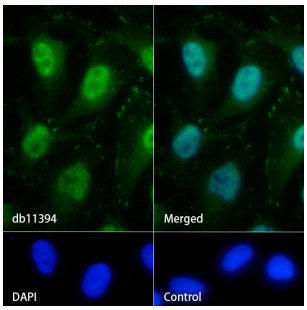
Product Name : PHD1 (DGR15848) Rabbit mAb (PBS Only)
Cat.No.: db11394-PBS
Synonyms : EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degration by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene. [provided by RefSeq, Feb 2011]
Immunogen	A synthetic peptide of human PHD1
Gene ID	112398, 112406, 308457
Swiss Prot	Q96KS0, Q91YE2, Q6AYU4
Synonyms	EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Calculated MW	44 kDa
Observed MW	44 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15848
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 HeLa cells using db11394 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling PHD1 with db11394.

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 db11394 (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.