Recombinant DGRmAb®

KDM1A (DGR14386) Rabbit mAb (PBS Only)

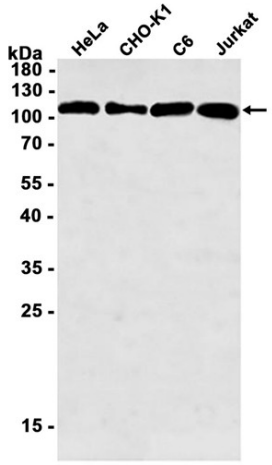
db12048-PBS **Package : 10μg 100μg**

Product Name : KDM1A (DGR14386) Rabbit mAb (PBS Only)
Cat.No.: db12048-PBS
Synonyms : AOF2; CPRF; KDM1; LSD1; BHC110
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

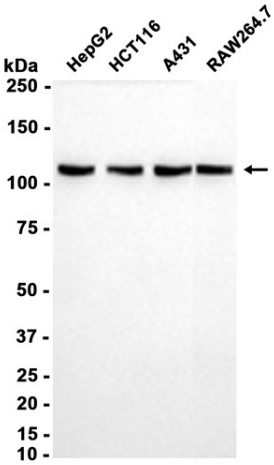
Background	This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Immunogen	A synthetic peptide of human KDM1/LSD1
Gene ID	23028
Swiss Prot	O60341
Synonyms	AOF2; CPRF; KDM1; LSD1; BHC110
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Calculated MW	93 kDa
Observed MW	110 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14386
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

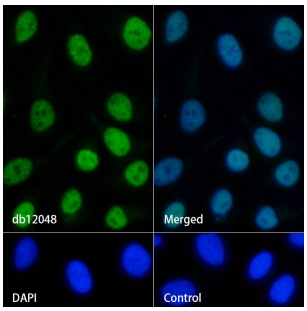
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, CHO-K1, C6, Jurkat cells using db12048 at 1:500.



Western blot analysis of extracts from HepG2, HCT116, A431, RAW264.7 cells using db12048 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling KDM1A with db12048.

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 db12048 (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.