Recombinant DGRmAb®

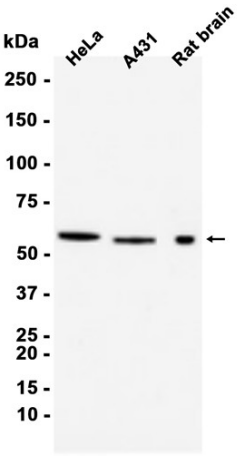
SMARCD1 (DGR34019) Rabbit mAb (PBS Only)

db11072-PBS **Package : 10μg 100μg**

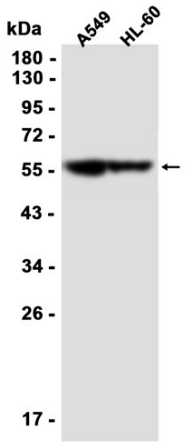
Product Name : SMARCD1 (DGR34019) Rabbit mAb (PBS Only)
Cat.No.: db11072-PBS
Synonyms : CSS11; Rsc6p; BAF60A; CRACD1
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse
Host species : Rabbit

Background	The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and has sequence similarity to the yeast Swp73 protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human SMARCD1
Gene ID	6602
Swiss Prot	Q96GM5
Synonyms	CSS11; Rsc6p; BAF60A; CRACD1
Reactivity	Human,Mouse
Application	WB, ICC/IF, FC, IP
Calculated MW	58 kDa
Observed MW	58 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR34019
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

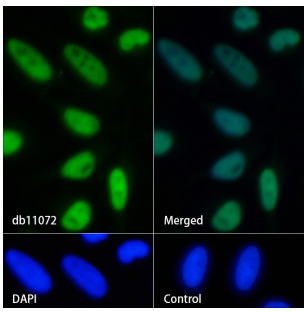
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, A431 cells and Rat brain tissue using db11072 at 1:1000.



Western blot analysis of extracts from A549, HL-60 cells using db11072 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling SMARCD1 with db11072.

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 db11072 (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.