Recombinant DGRmAb®

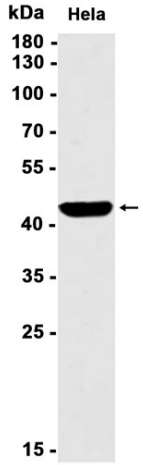
ASS1 (DGR12359) Rabbit mAb (PBS Only)

db13182-PBS **Package : 100μg**

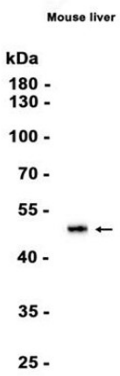
Product Name : ASS1 (DGR12359) Rabbit mAb (PBS Only)
Cat.No.: db13182-PBS
Synonyms : ASS; CTLN1
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2012]
Immunogen	A synthetic peptide of human ASS1
Gene ID	445
Swiss Prot	P00966
Synonyms	ASS; CTLN1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:500-1:2000 ICC/IF: 1:50-1:100 FC: 1:100 IP: 1:10-1:100
Calculated MW	47 kDa
Observed MW	47 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12359

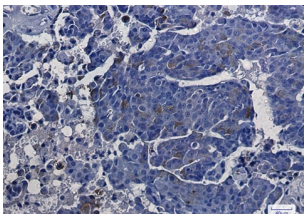
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



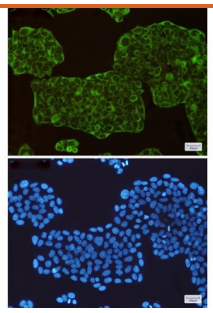
Western blot analysis of extracts from HeLa cells using db13182 at 1:1000.



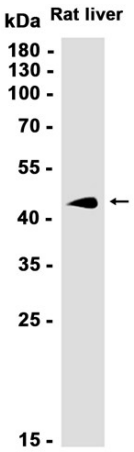
Western blot analysis of extracts from Mouse liver tissue using db13182 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13182 antibody.



Immunofluorescent analysis of HeLa cells using db13182 antibody (green), and DAPI (blue).



Western blot analysis of extracts from Rat liver tissue using db13182 at 1:1000.