Recombinant DGRmAb®

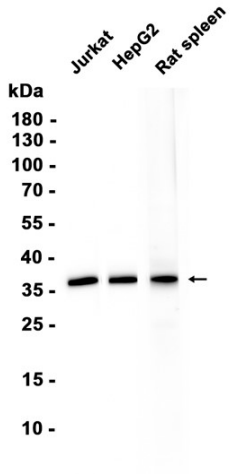
hnRNP A1 (DGR36132) Rabbit mAb

db16367 **Package : 10μL 20μL 50μL 100μL**

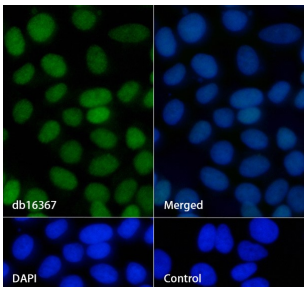
Product Name : hnRNP A1 (DGR36132) Rabbit mAb
Cat.No.: db16367
Synonyms : MPD3; UP 1; ALS19; ALS20; HNRPA1; IBMPFD3; HNRPA1L3; hnRNP A1; hnRNP-A1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome. [provided by RefSeq, Feb 2016]
Immunogen	A synthetic peptide of human hnRNP A1
Gene ID	3178, 15382, 29578
Swiss Prot	P09651, P49312, P04256
Synonyms	MPD3; UP 1; ALS19; ALS20; HNRPA1; IBMPFD3; HNRPA1L3; hnRNP A1; hnRNP-A1
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100 ICC/IF: 1:200 FC: 1:100
Calculated MW	39 kDa
Observed MW	36 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR36132
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 Jurkat, HepG2 cells and Rat spleen tissue using db16367 at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling hnRNP A1 with db16367.

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 db16367 (1:200) 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.