Recombinant DGRmAb®

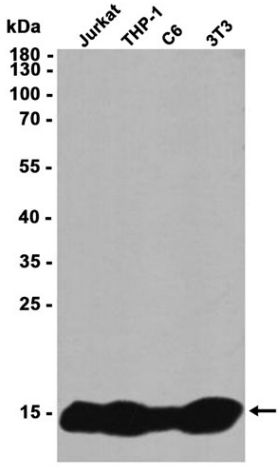
Phospho-gamma H2A.X (Ser139) (DGR18728) Rabbit mAb (PBS Only)

db13191-PBS **Package : 10μg 100μg**

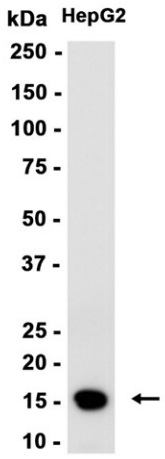
Product Name : Phospho-gamma H2A.X (Ser139) (DGR18728) Rabbit mAb (PBS Only)
Cat.No.: db13191-PBS
Synonyms : H2AX; H2A.X; H2A/X; γH2AX
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser139 of human gamma H2A.X
Gene ID	3014
Swiss Prot	P16104
Synonyms	H2AX; H2A.X; H2A/X; γH2AX
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Calculated MW	15 kDa
Observed MW	15 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR18728
Isotype	IgG

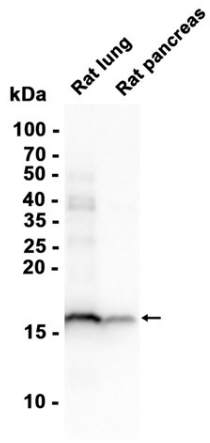
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat, THP-1, C6, and 3T3 cells using db13191 at 1:1000.



Western blot analysis of extracts from HepG2 cells using db13191 at 1:1000.



Western blot analysis of extracts from Rat lung and Rat pancreas tissues using db13191 at 1:2000.