

Recombinant

DGRmAb®

Histone H3 (DGR12083) Rabbit mAb

db12105

Package : 10µL 20µL 50µL 100µL

Product Name : Histone H3 (DGR12083) Rabbit mAb**Cat.No.:** db12105**Synonyms** : H3/A; H3FA**Application** : WB, IHC-P, ICC/IF, FC**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. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

Immunogen

A synthetic peptide of human Histone H3

Gene ID

8350

Swiss Prot

P68431

Synonyms

H3/A; H3FA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilutionWB: 1:1000
IHC-P: 1:100-1:200
ICC/IF: 1:200-1:1000
FC: 1:100**Calculated MW**

15 kDa

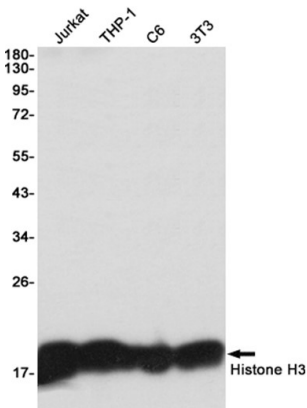
Observed MW

17 kDa

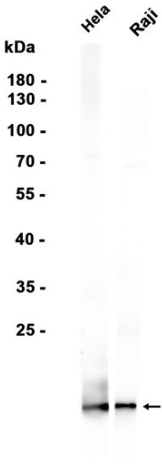
Host species

Rabbit

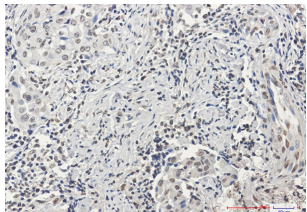
Clonality	Monoclonal
Clonality No.	DGR12083
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Histone H3 in Jurkat, THP-1, C6, 3T3 cell lysates using Histone H3 antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa, Raji cells using db12105 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db12105 antibody.