

Recombinant

DGRmAb®

MonoMethyl-Histone H3 (Lys4) (DGR18268) Rabbit mAb

db12207

Package : 10µL 20µL 50µL 100µL

Product Name : MonoMethyl-Histone H3 (Lys4) (DGR18268) Rabbit mAb**Cat.No.:** db12207**Synonyms** : H3/A; H3FA**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Immunogen

A synthetic methylpeptide corresponding to residues surrounding Lys4 of human Histone H3

Gene ID

8350

Swiss Prot

P68431

Synonyms

H3/A; H3FA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:1000

ICC/IF: 1:500-1:1000

Calculated MW

15 kDa

Observed MW

17 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR18268

Isotype

IgG

Purity

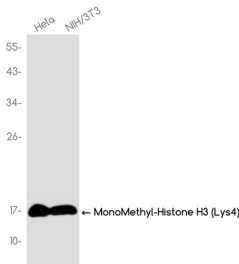
Affinity Purification

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 Hela, 3T3 cells using db12207 at 1:1000.