



Recombinant

DGRmAb[®]

DiMethyl-Histone H3 (Lys36) (DGR12437) Rabbit mAb

db12217 Package : 10μL 20μL 50μL 100μL

Product Name: DiMethyl-Histone H3 (Lys36) (DGR12437) Rabbit mAb

Cat.No.: db12217

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 Lys36 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: 1:100-1:200 ICC/IF: 1:200-1:500

Calculated MW 15 kDa

Observed MW 17 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR12437

Isotype IgG

Purity Affinity Purification



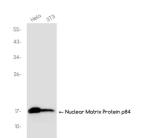


Conjugation

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 db12217 at 1:1000.