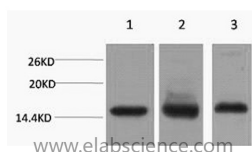


Histone H3 Monoclonal Antibody

Catalog No.	E-AB-22079	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Mouse
Applications	WB	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of 1) HeLa, 2) RAW264.7, 3) Rat testis using Histone H3 Monoclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen	Recombinant Protein
Swissprot	P68431,Q71DI3,P84243
Synonyms	HIST1H3A,H3FA,HIST1H3B,H3FL,HIST1H3C,H3FC,HIST1H3D,H3FB,HIST1H3E,H3FD,HIST1H3F,H3FI,HIST1H3G,H3FH,HIST1H3H,H3FK,HIST1H3I,H3FF,HIST1H3J,H3FJ,Histone H3.1,Histone H3/a,Histone H3/b,Histone H3/c,Histone H3/d,Histone H3/f,Histone H3/

Product Information

Calculated MW	15kDa
Observed MW	15kDa
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purify	Protein A purification
Clone No.	Clone:1D2
Dilution	WB 1:1000-3000

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.