

Histone H3K4me3 (tri methyl K4) Ab

[Images\(1\)](#)

Cat.#: BF9009	Concn.: ~1mg/ml	Mol.Wt.: 15 KD
Size:	Source: Mouse	Clonality: Monoclonal
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Store at -20°C. Stable for one year from the date of shipment. 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for 12 months from date of receipt.	
Purification:	affinity purification.	
Immunogen:	Mouse monoclonal antibody is prepared by immunizing synthetic peptide coupled to KLH.	
Uniprot:	P68431/Q71DI3/P84243	
Description:	Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.	

Western blot analysis of 1) HeLa, 2) Rat Testis tissue, 3) Raw264.7 with Histone H3 (tri methyl K4) Mouse MAb diluted at 1:1000.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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