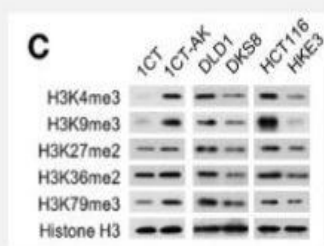


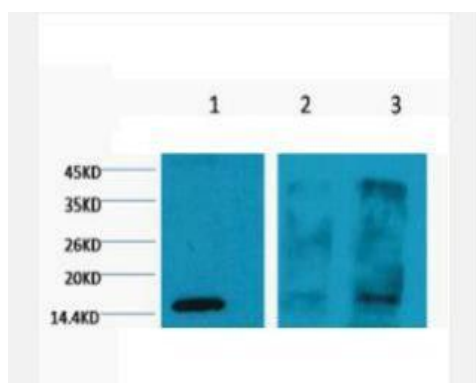
Histone H3 (Tri Methyl Lys4) Monoclonal Antibody(2E11)

Catalog No.	IMB0110
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST1H3H
Protein Name	Histone H3.1/Histone H3.2/Histone H3.3
Human Gene Id	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Swiss-Prot	P68431/Q71DI3/P84243
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1000
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific antigen.
Concentration	-
Storage&Stability	-20°C/1 year
Background	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromatin. DNA is wrapped around a nucleosome, an octamer composed of pairs of each of the four core histone proteins. The linker histone, H1, interacts with the DNA between the nucleosomes to form a higher order structure. Histone H3 is a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene are found in all tissues. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq]
Subcellular Location.	Nucleus. Chromosome.
BiowMW	15273

Products Images:



Wong, Chi Chun, et al. "In Colorectal Cancer Cells With Mutant KRAS, SLC25A22-Mediated Glutaminolysis Reduces DNA Demethylation to Increase WNT Signaling, Stemness, and Drug Resistance." *Gastroenterology* 159.6 (2020): 2163-2180.



Western blot analysis of 1) HeLa, 2) Rat Testis tissue, 3) Raw264.7, diluted at 1:1000, cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).