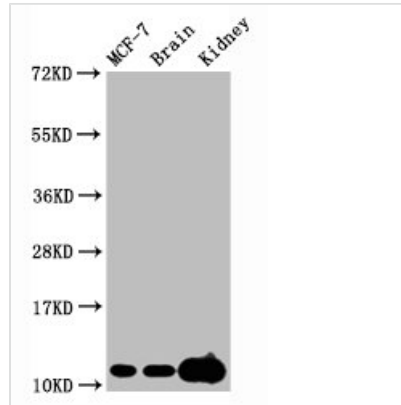




Tri-methyl-Histone H4 (K20) Recombinant Monoclonal Antibody

Product Code	CSB-RA010429A20me3HU
Abbreviation	Histone H4
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	A synthesized peptide
Species Reactivity	Human
Tested Applications	ELISA, WB, ICC; Recommended dilution: WB:1:500-1:5000, ICC:1:50-1:300
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Histone H4, HIST1H4A, H4/A, H4FA, AND, HIST1H4B, H4/I, H4FI, AND, HIST1H4C, H4/G, H4FG, AND, HIST1H4D, H4/B, H4FB, AND, HIST1H4E, H4/J, H4FJ, AND, HIST1H4F, H4/C, H4FC, AND, HIST1H4H, H4/H, H4FH, AND, HIST1H4I, H4/M, H4FM, AND, HIST1H4J, H4/E, H4FE, AND, HIST1H4K, H4/D, H4FD, AND, HIST1H4L, H4/K, H4FK, AND, HIST2H4A, H4/N, H4F2, H4FN, HIST2H4, AND, HIST2H4B, H4/O, H4FO, AND, HIST4H4
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H4A
Clone No.	1E6
Image	

**Western Blot**

Positive WB detected in MCF-7 whole cell lysate,
Mouse brain tissue, Mouse kidney tissue

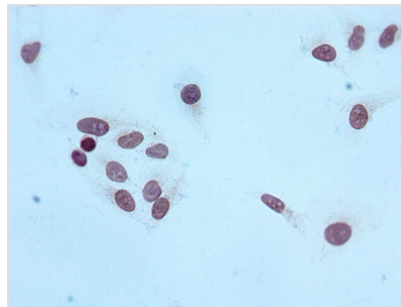
All lanes Tri-methyl-Histone H4 (K20) antibody at
2.15 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 11 KDa

Observed band size: 11 KDa

**Immunocytochemistry analysis of CSB-**

RA010429A20me3HU diluted at 1:100 and
staining in HeLa cells performed on a Leica
BondTM system. After dewaxing and hydration,
antigen retrieval was mediated by high pressure
in a citrate buffer (pH 6.0). Section was blocked
with 10% normal goat serum 30min at RT. Then
primary antibody (1% BSA) was incubated at 4 $^{\circ}$
overnight. The primary is detected by a
biotinylated secondary antibody and visualized
using an HRP conjugated SP system.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.