

Anti-Mono-methyl-Histone H2B type 2-E (Arg79) Antibody (70103)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	70103
Purification:	Affinity-chromatography

Applications

Application:	ELISA
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Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide
Antigen Species:	Human
Gene ID:	8349
Uniprot ID:	Q16778
Synonyms:	GL105;H2BR79me1;H2B.1;histone cluster 2, H2be;Mono-Me-Histone H2B type 2-E (Arg79); Mono-methyl-Histone H2B type 2-E (R79);H2BFQ;MGC129733;MGC119804;H2B;MGC119802; Histone H2BR79-monomethylated;MonoMe-H2BR79;Mono-Me-Histone H2B type 2-E (R79); H2BGL105;H2BQ;MGC129734
Biology Area:	Epigenetics and Nuclear Signaling

Research 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. Has broad antibacterial activity. May contribute to the formation of the functional antimicrobial barrier of the colonic epithelium, and to the bactericidal activity of amniotic fluid.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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