Rev03
Update: Aug,08,2025

DATASHEET

MonoMethyl-Histone H3 (R128) Antibody, mAb, Rabbit

Cat. No.: A02855

Overview

Specificity	This product is specific to MonoMethyl-Histone H3 (R128)
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Histone H3.1 around the methylation site of R129
Species Reactivity	Human; Mouse
Conjugate	Unconjugated

Applications

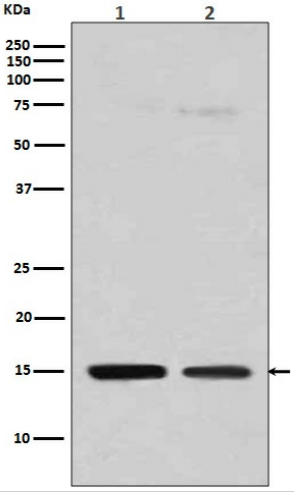
Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
Western Blot	1:1000-1:2000

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal

Examples



Western blot analysis of Histone H3 (mono methyl R128) expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.

Background

Target 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.

Synonyms : H3 histone; HIST1H3A; Histone cluster 1, H3a; H3R128me1

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China