

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody
Catalog # ABO13195**Specification**

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P04912
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Yeast
Clonality	Monoclonal
Format	Liquid

Description

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Yeast.

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody - Additional Information

Gene ID 852283

Other Names

Histone H2A.2, HTA2, H2A2

Calculated MW

13989 MW KDa

Application Details

WB 1:1000-1:2000

Subcellular Localization

Nucleus. Chromosome.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from yeast Phospho-Histone H2A (S129)

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody - Protein Information

Name HTA2

Synonyms H2A2

Function

Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. 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.

Cellular Location

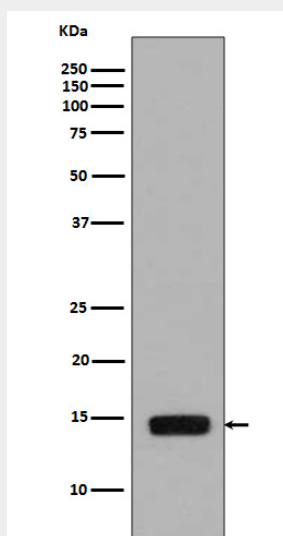
Nucleus. Chromosome.

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody - Images



Western blot analysis of Phospho-Histone H2A (S129) expression in *Saccharomyces cerevisiae* treated with Methyl methanesulfonate.