



Datasheet for ABIN2668480

anti-Histone H3.1 antibody (pSer28, Ser28)



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2 Images

Overview

Quantity:	100 µg
Target:	Histone H3.1 (HIST1H3B)
Binding Specificity:	pSer28, Ser28
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	This antibody was raised against a peptide corresponding to pserine 28 of human Histone H3.1. This antibody does not react with Histone H3.3 phosphorylated on serine 28.
Clone:	5D10D4
Isotype:	IgG2b
Purification:	Protein G Chromatography

Target Details

Target:	Histone H3.1 (HIST1H3B)
Alternative Name:	Histone H3.1 (HIST1H3B Products)
Molecular Weight:	17 kDa
Gene ID:	8352

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

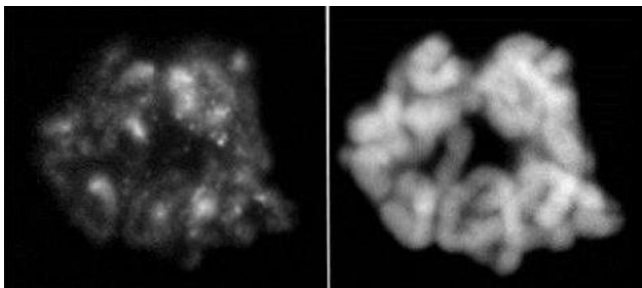
Handling Advice: Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Storage: -20 °C

Storage Comment: Antibodies in solution can be stored at -20 °C for 2 years.

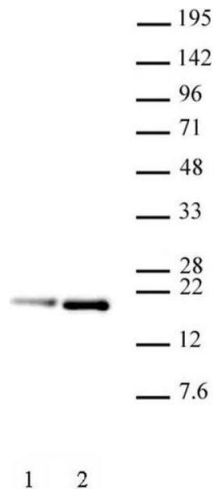
Expiry Date: 6 months

Images



Immunofluorescence

Image 1. Histone H3.1S28ph antibody (mAb) (Clone 5D10D4) tested by Immunofluorescence. Left: Formaldehyde fixed mitotic DM4 cell stained with Histone H3.1S28ph antibody (mAb). Right: Hoechst stain.



Western Blotting

Image 2. Histone H3.1S28ph antibody (mAb) (Clone 5D10D4) tested by Western blot. Detection of Histone H3.1S28ph antibody by Western blot. The analysis was performed using 20 μ g of untreated (lane 1) or colcemid treated (lane 2) HeLa nuclear extract with Histone H3.1S28ph antibody at a 1 μ g/ml dilution.