



[Go to Product page](#)

Datasheet for ABIN2668303

anti-Histone H2A antibody (pSer129)

2 Images

1 Publication

Overview

Quantity:	200 µL
Target:	Histone H2A
Binding Specificity:	pSer129
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Dot Blot (DB)

Product Details

Immunogen:	This Histone H2A pSer129 antibody was raised against a peptide including pserine 129 of budding yeast Histone H2A.
Purification:	None

Target Details

Target:	Histone H2A
Abstract:	Histone H2A Products
Molecular Weight:	14 kDa

Application Details

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

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

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

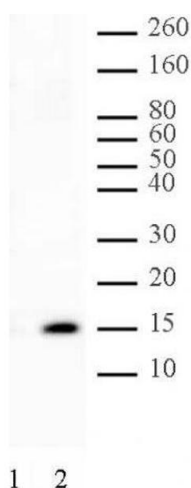
Storage Comment: Antibodies in solution can be stored at -20 °C for 2 years.

Expiry Date: 6 months

Publications

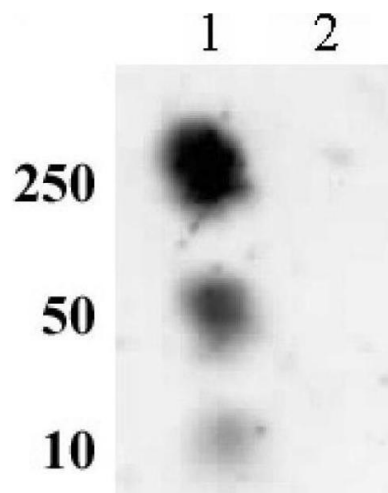
Product cited in: Rappa, Anzanello, Lorico: "Ethanol induces upregulation of the nerve growth factor receptor CD271 in human melanoma cells via nuclear factor- κ B activation." in: **Oncology letters**, Vol. 10, Issue 2, pp. 815-821, (2015) ([PubMed](#)).

Validation report #104509 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. Histone H2A phospho Ser129 pAb tested by Western blot. Whole-cell extract of yeast exposed to 200Gy ionizing radiation blotted with Histone H2A phospho Ser129 pAb at a dilution of 1:1,000. Lane 1: Yeast containing an alanine at position 129. Lane 2: Wild-type yeast.



Dot Blot

Image 2. Histone H2A phospho Ser129 pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of Histone H2A phospho Ser129 pAb for phospho Ser129 histone H2A. Peptides corresponding to the immunogen and the unmodified version of the immunogen were spotted onto PVDF and probed with the antibody at 1:500. The amount of peptide (picomoles) spotted is indicated next to each row. Lane 1: Phospho-Ser129 peptide. Lane 2: Unmodified Ser129 peptide.