

Histone H4(Phospho Ser47) Rabbit Polyclonal Antibody

Catalog No.: RA20036

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	Rabbit Antiserum, containing 0.02% sodium azide and 50% glycerol.
Observed MW	14KD

Applications

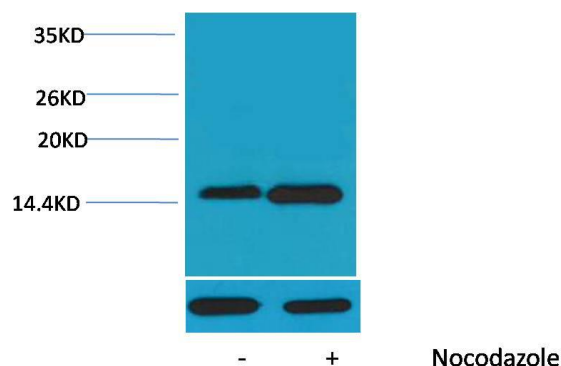
Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

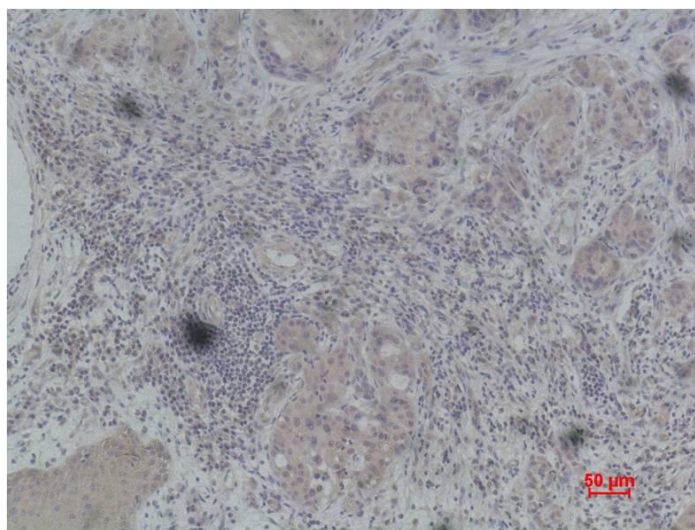
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with Nocodazole (1 μ g/ml, 24 hr; +), using Phospho-Histone H4 (Ser47) Rabbit pAb (upper) 1:2000 and β -actin (5B7) Mouse mAb (lower) 1:5000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H4(Phospho Ser47) Rabbit pAb diluted at 1:200.

Background

Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer.