

Anti-Histone H3 (mono methyl K4) Monoclonal Antibody(2E1)



<u>Catalog No.</u>	<u>Size</u>
E010354-01	50 µl
E010354-02	100 µl

Specificity	Anti- Histone H3 (mono methyl K4) (human mouse rat)
Source	Mouse Monoclonal
Application	WB
Form	Liquid, 1 mg/ml

Product

Other Names: H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

Specificity and Sensitivity

Antibody can detects endogenous Histone H3 (tri methyl K4) protein.

Source and Purification

The antiserum was produced against synthesized mono -methylation synthesized peptide derived from human Histone H3 protein around the methylation site of lysine4. Antibodies are purified by protein A affinity chromatography.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500-1:1000

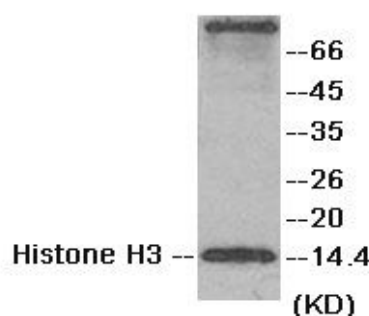
Storage Buffer

Mouse IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from *HeLa* cells, using Histone H3 antibody.