

Anti- Histone H3 (di methyl K79) Mouse Monoclonal Antibody (G6)

Catalog No.	Size
E010351-01	50µl
E010351-02	100µl



Specificity	Anti- Histone H3 (di methyl K79) (human mouse rat)
Source	Mouse Monoclonal Antibody(G6) IgG1
Application	WB
Form	Liquid, 1 mg/ml

Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. 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.

Specificity and Sensitivity

Antibody can detect endogenous Histone H3 (di methyl K79) protein.

Source and Purification

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: 1:1,000~10,000

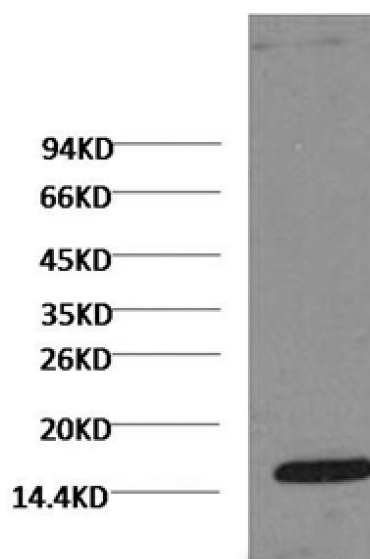
Storage Buffer

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 $-20^{\circ}C$ 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 $4^{\circ}C$ for 3 months.

Images



Western blot analysis of 293T with Histone H3 (di methyl K79) (G6) Mouse mAb diluted at 1:2,000