

# Histone H3.1 Mouse Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
KM9005T	30 $\mu$ l
KM9005	100 $\mu$ l
KM9005L	1 ml

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

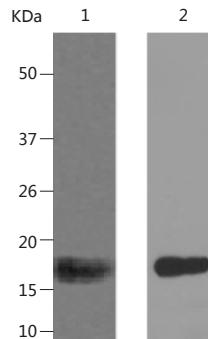
## Purified Antibody Characterization

Clone	Isotype	Applications
7G4	Mouse IgG	WB

## Description

Histones are the structural scaffold for the organization of nuclear DNA into chromatin. Four core histones, H2A, H2B, H3, and H4, are the major components of nucleosome which is the primary building block of chromatin. The histone proteins play essential structural and functional roles in the transition between active and inactive chromatin states. Histone H3.1, an H3 variant that has thus far only been found in mammals, is replication dependent and is associated with gene activation and gene silencing.

**Immunogen:** Full-length Histone H3.1 protein of human.



Western blot analysis of Hela cell lysate (lane 1) and Fruit fly lysate (lane 2) with Histone H3.1 mouse mAb(7G4).

## Product Information

**Recommended dilutions:** WB: 1:1000~1:10000

Optimal dilutions/concentrations should be determined by the end user.

**Form:** Liquid

**Concentration:** 1.0 mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

**Storage:** Store at -20° C or below. Avoid repeated freezing and thawing cycles.

**Reactivity:** Human, Rat, Mouse, Fruit fly

## Related Products:

Cat.No.	Name
KM9001	$\beta$ -Actin Mouse mAb
KM9002	GAPDH Mouse mAb
KM9003	$\beta$ -Tubulin Mouse mAb
KM9004	Plant Actin Mouse mAb
KM9006	$\alpha$ -Actin Mouse mAb
KM9007	$\alpha$ -Tubulin Mouse mAb
LK9001	$\beta$ -Actin-HRP Mouse mAb
LK9002	GAPDH-HRP Mouse mAb
LK9003	$\beta$ -Tubulin-HRP Mouse mAb
LK2003	Goat anti-Mouse IgG(H+L)-HRP
GM200G-02	FITC Goat anti-Mouse IgG(H+L)
GM200G-09	PE Goat anti-Mouse IgG(H+L)
GM200G-37	IF555 Goat anti-Mouse IgG(H+L)
GM200G-38	IF488 Goat anti-Mouse IgG(H+L)
GM200G-40	IF647 Goat anti-Mouse IgG(H+L)
GM200G-43	IF594 Goat anti-Mouse IgG(H+L)

**For Research Use Only.**