

Histone H3 Mouse Monoclonal Antibody(Mix-mA™)

Catalog No.: RTA10

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	15KD

Applications

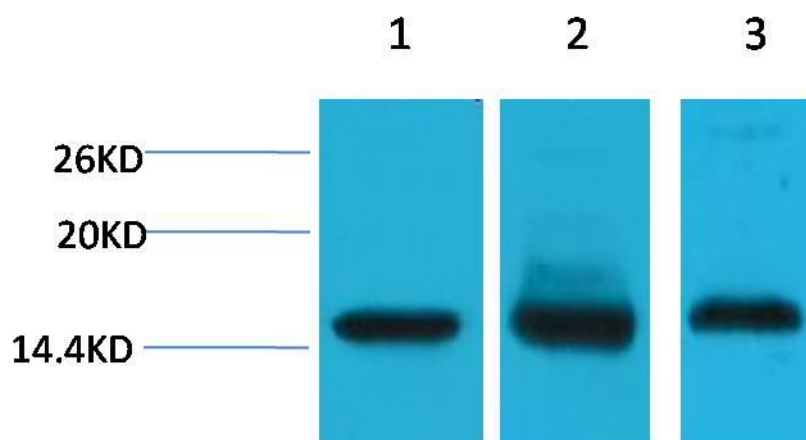
Recommended Dilution

WB	1:1,000-3,000
IHC	1:200
IF	1:200
IP	1:200

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 1) HeLa, 2) Raw 264.7, 3) Rat Testis tissue with Histone H3 Mouse Monoclonal Antibody diluted at 1:1,000.

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.