

macroH2A.1 Rabbit mAb

Catalog No: #59595

Package Size: #59595-1 50ul #59595-2 100ul

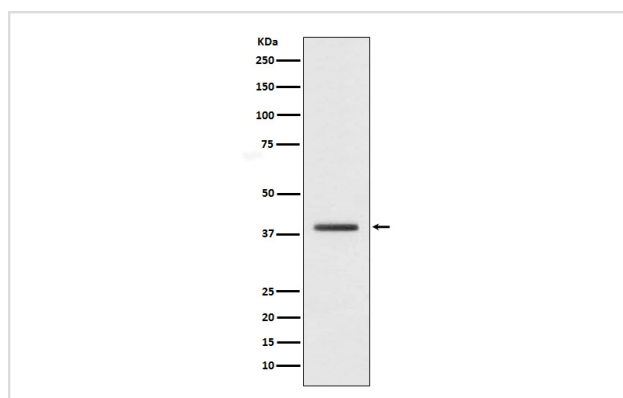
Description

Product Name	macroH2A.1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	macroH2A.1 Antibody detects endogenous levels of total macroH2A.1
Immunogen Description	A synthesized peptide derived from human macroH2A.1
Other Names	H2A.y; H2A/y; H2AF12M; H2AFJ; H2afy; Histone H2A.Y; Histone macroH2A1; Histone macroH2A1.1; Histone macroH2A1.2; mH2a;mH2A1;
Accession No.	Uniprot:O75367
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Images



Western blot analysis of macroH2A.1 expression in HepG2 cell lysate.

Background

Involved in stable X chromosome inactivation. Inhibits the binding of transcription factors and interferes with the activity of remodeling SWI/SNF complexes. Inhibits histone acetylation by EP300 and recruits class I HDACs, which induces an hypoacetylated state of chromatin.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.