

Mouse Histone H3 Monoclonal Antibody | anti-H3 antibody

Mouse anti-Histone H3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224052	Mouse	Human, Mouse, Rat, Yeast	Immunoprecipitation, Immunofluorescence, Western Blot

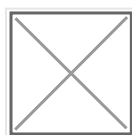
PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Mouse anti-Histone H3 Antibody; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3; anti-H3 antibody

PRODUCT SPECIFICATIONS

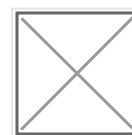
Host	Mouse
Reactivity	Human, Mouse, Rat, Yeast
Clonality	Monoclonal
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-H3 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein corresponding to human Histone H3.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



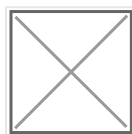
IP (Immunoprecipitation)

Immunoprecipitation of Histone H3 from 0.5mg Hela whole cell extract lysate, using anti-Histone H3 Antibody.



IF (Immunofluorescence)

Immunofluorescent analysis of Histone H3 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Histone H3 expression in Hela (A), Raw264.7 (B), mouse brain (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-H3 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; Q71DI3; P84243; P68433; P84228; P84244; Q6LED0; P84245
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h3-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/224052>