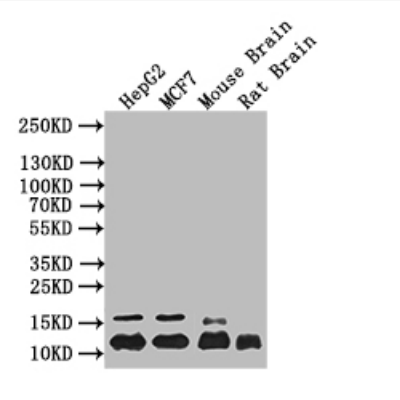
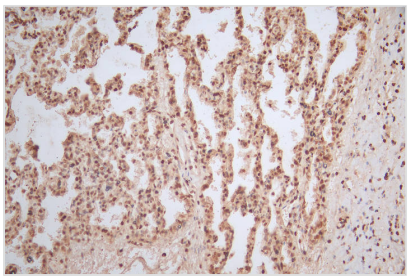
HIST1H4A Recombinant Monoclonal Antibody

Product Code	CSB-RA010429MA1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	Recombinant Human HIST1H4A protein
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC, FC; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, FC:1:20-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	Mouse IgG
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Others
Gene Names	HIST1H4A
Clone No.	14D5

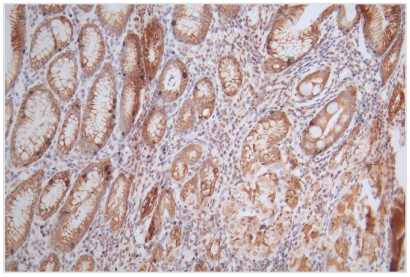
Image



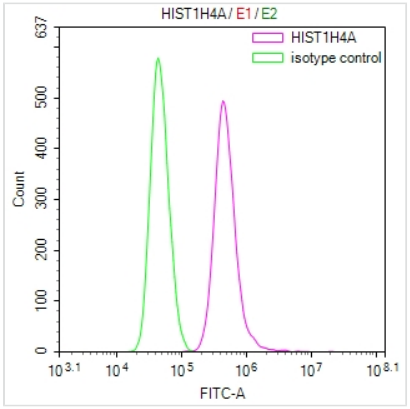
Western Blot
Positive WB detected in:HepG2 whole cell lysate, MCF7 whole cell lysate, Mouse Brain tissue lysate, Rat Brain tissue lysate
All lanes: HIST1H4A antibody at 1:1000
Secondary
Goat polyclonal to mouse IgG at 1/50000 dilution
Predicted band size: 12 kDa
Observed band size: 12 kDa



IHC image of CSB-RA010429MA1HU diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



IHC image of CSB-RA010429MA1HU diluted at 1:300 and staining in paraffin-embedded human gastric cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



Overlay Peak curve showing PC-3 cells surface stained with CSB-RA010429MA1HU (red line) at 1:100. The cells were fixed in 4% formaldehyde (15min) and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum was Incubated to block non-specific protein-protein interactions followed by the antibody (1µg/1*10^{6}cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*10^{6}cells) used under the same conditions. Acquisition of >10,026 events was performed.