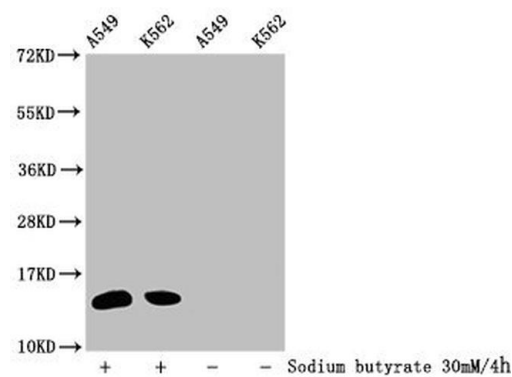


2-hydroxyisobutyryl-Histone H2B (Lys34) Polyclonal Antibody

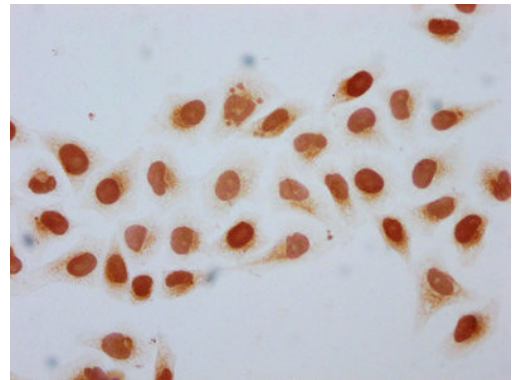
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of 2-hydroxyisobutyryl-Lys (34) derived from Human Histone H2B type 1-C/E/F/G/I (30-41 aa)
Form	Liquid
Concentration	0.12 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.03% ProClin 300
Storage conditions	-20°C or -80°C if preferred
RRID	AB_2867232

Applications	Tested Dilution	Publications
Western Blot (WB)	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:10-1:100	-
ELISA (ELISA)	Assay-dependent	-

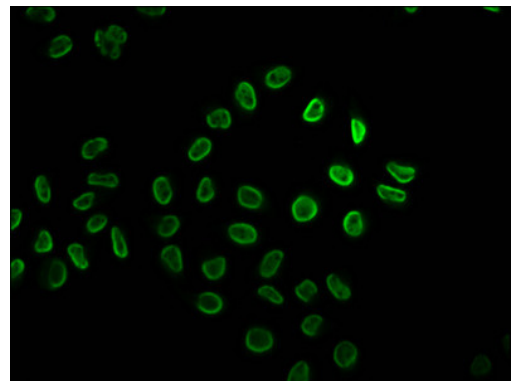
Product Images For 2-hydroxyisobutyryl-Histone H2B (Lys34) Polyclonal Antibody



2-hydroxyisobutyryl-Histone H2B (Lys34) Antibody (PA5-112497) in WB
Western Blot analysis of 2-hydroxyisobutyryl-Histone H2B (Lys34) in multiple sample types using a 2-hydroxyisobutyryl-Histone H2B (Lys34) polyclonal antibody (Product # PA5-112497) at a dilution of 1:100. A goat anti rabbit polyclonal secondary antibody was used at a dilution of 1:50,000. Sample types that were tested include: A549 whole cell lysate, K562 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h .



2-hydroxyisobutyryl-Histone H2B (Lys34) Antibody (PA5-112497) in ICC/IF
Immunocytochemical analysis of 2-hydroxyisobutyryl-Histone H2B (Lys34) in Hela cells using a Polyclonal antibody (Product # PA5-112497) at a dilution of 1: 10. Hela cells (treated with 30mM sodium butyrate for 4 hour) performed on a Leica BondTM system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and 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 biotinylated secondary antibody and visualized using an HRP conjugated SP system.



2-hydroxyisobutyryl-Histone H2B (Lys34) Antibody (PA5-112497) in ICC/IF
Immunocytochemical analysis of 2-hydroxyisobutyryl-Histone H2B (Lys34) in Hela cells using a Polyclonal antibody (Product # PA5-112497) at a dilution of 1: 5. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L). Cells were also counter-stained with DAPI.

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