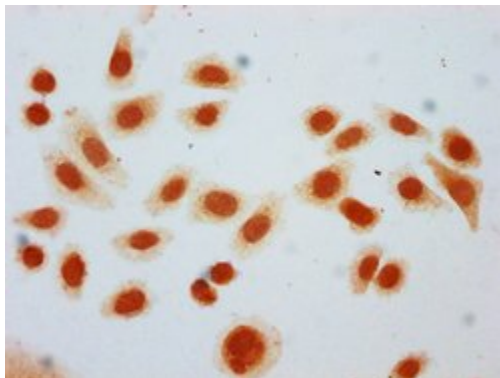


# 2-hydroxyisobutyryl-Histone H2B (Lys24) Polyclonal Antibody

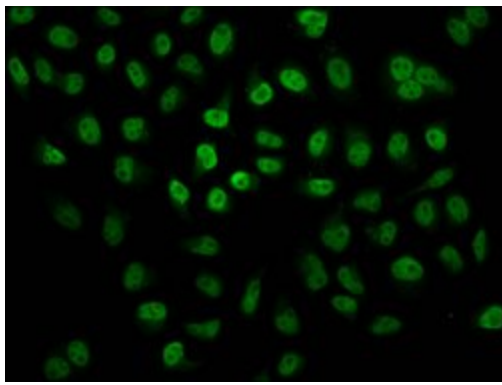
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of 2-hydroxyisobutyryl-Lys (24) derived from Human Histone H2B type 1-C/E/F/G/I
Form	Liquid
Concentration	0.24 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.03% Proclin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2867231

Applications	Tested Dilution	Publications
Western Blot (WB)	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:20-1:200	-
ELISA (ELISA)	Assay-dependent	-

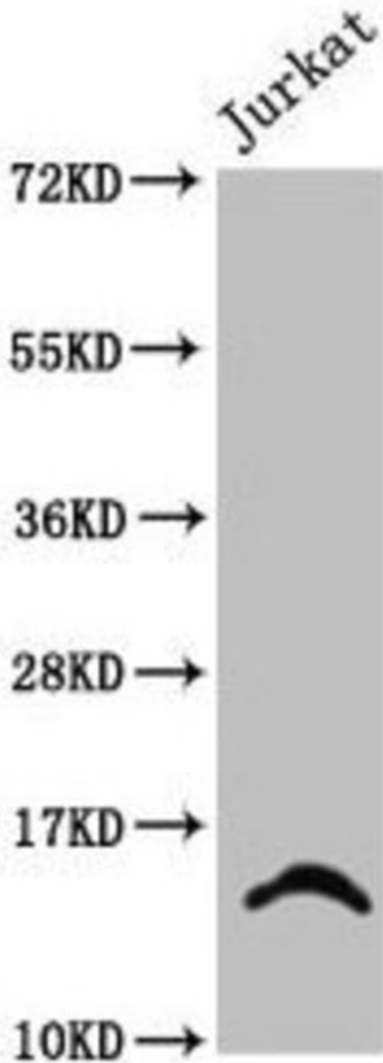
## Product Images For 2-hydroxyisobutyryl-Histone H2B (Lys24) Polyclonal Antibody



**2-hydroxyisobutyryl-Histone H2B (Lys24) Antibody (PA5-112496) in ICC/IF**  
 Immunocytochemical analysis of 2-hydroxyisobutyryl-Histone H2B (Lys24) in HeLa cells using a Polyclonal antibody (Product # PA5-112496) at a dilution of 1:25. HeLa cells (treated with 30mM sodium butyrate for 4 hour) performed on a Leica Bond™ 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 (Lys24) Antibody (PA5-112496) in ICC/IF**  
 Immunocytochemical analysis of 2-hydroxyisobutyryl-Histone H2B (Lys24) in Hela cells using a Polyclonal antibody (Product # PA5-112496) at a dilution of 1:12.5. 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.



**2-hydroxyisobutyryl-Histone H2B (Lys24) Antibody (PA5-112496) in WB**  
 Western Blot analysis of 2-hydroxyisobutyryl-Histone H2B (Lys24) in Jurkat whole cell lysate using a 2-hydroxyisobutyryl-Histone H2B (Lys24) polyclonal antibody (Product # PA5-112496) at a concentration of 2.4 µg/ml. A goat anti rabbit polyclonal secondary antibody was used at a dilution of 1:50,000.

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