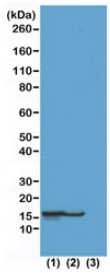
Recombinant H2BK23ac Antibody [clone RM260] (R20242)

Catalog No.	Formulation	Size
R20242-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20242-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

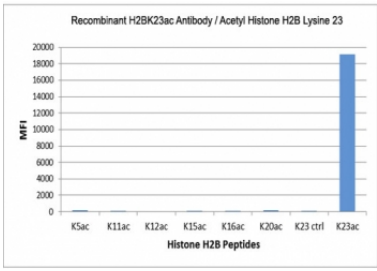
Recombinant RABBIT MONOCLONAL

Bulk quote request

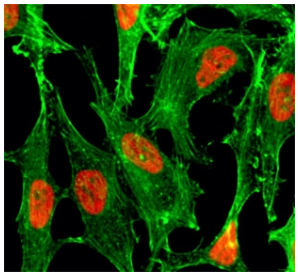
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM260
Purity	Protein A purified from animal origin-free supernatant
UniProt	P33778
Gene ID	3018
Applications	Western Blot : 0.5-2ug/ml Immunocytochemistry : 0.5-2ug/ml ELISA : 0.2-1ug/ml
Limitations	This recombinant H2BK23ac antibody is available for research use only.



Western blot test of (1) acid extracts of HeLa cells treated with sodium butyrate, (2) acid extracts of HeLa cells untreated, and (3) recombinant Histone H2B, using recombinant H2BK23ac antibody at 0.5 ug/ml.



This recombinant H2BK23ac antibody specifically reacts to Histone H2B acetylated at Lysine 23 (K23ac). No cross reactivity with acetylated Lysine 5 (K5ac), 11 (K11ac), 12 (K12ac), 15 (K15ac), 20 (K20ac), or non-modified Lysine 23 in Histone H2B.



ICC/IF of HeLa cells treated with sodium butyrate, using recombinant H2BK23ac antibody (red). Actin filaments have been labeled with fluorescein phalloidin (green).

Description

This recombinant H2BK23ac antibody reacts to Histone H2B acetylated at Lysine 23 (K23ac). No cross reactivity with other acetylated Lysines in histones.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H2BK23ac antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An acetyl-peptide corresponding to Acetyl-Histone H2B (Lys23) was used as the immunogen for this recombinant H2BK23ac antibody.

Storage

Store the recombinant H2BK23ac antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).