

Rabbit MonoMethyl-Histone H2B-K5 Polyclonal Antibody | anti-H2B-K5 antibody

MonoMethyl-Histone H2B-K5 Polyclonal Antibody

CATALOG # AAA177501	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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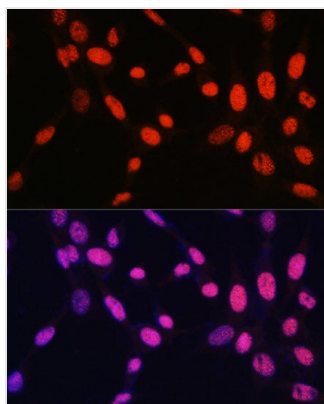
PRODUCT SYNONYMS

MonoMethyl-Histone H2B-K5; Polyclonal Antibody; MonoMethyl-Histone H2B-K5 Polyclonal Antibody; GL105; H2B; H2B.1; H2BFQ; H2BGL105; H2BQ; Histone H2B; HIST2H2BE; anti-H2B-K5 antibody

PRODUCT SPECIFICATIONS

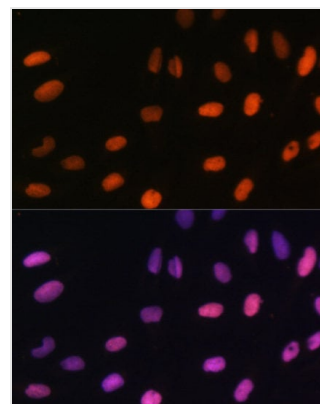
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-H2B-K5 antibody	IF (Immunofluorescence)
Immunogen	A synthetic peptide of Human H2BK5me1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



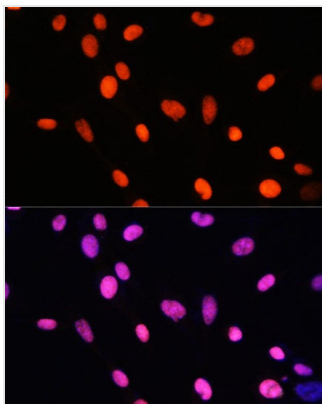
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using MonoMethyl-Histone H2B-K5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



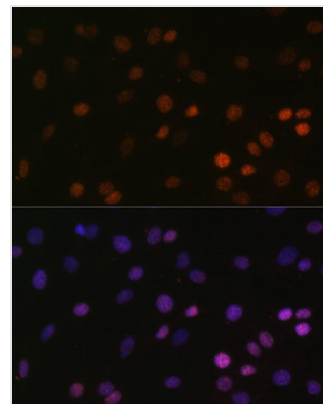
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using MonoMethyl-Histone H2B-K5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using MonoMethyl-Histone H2B-K5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using MonoMethyl-Histone H2B-K5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-H2B-K5 antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity. [provided by RefSeq, Aug 2015]
Product Categories/Family for anti-H2B-K5 antibody	Cancer; Epigenetics and Nuclear Signaling; Methylated antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	7387736
NCBI GeneID	8349
UniProt Accession #	Q16778; Q4KMY1; Q5QNX0; Q9UE88; A3KMC7; A8K110
Molecular Weight	126
NCBI Official Full Name	Histone H2B type 2-E
NCBI Official Synonym Full Names	histone cluster 2, H2be
NCBI Official Symbol	HIST2H2BE
NCBI Official Synonym Symbols	H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105
NCBI Protein Information	histone H2B type 2-E; histone H2B.q; histone 2, H2be; histone H2B-GL105; H2B histone family, member Q
UniProt Protein Name	Histone H2B type 2-E
UniProt Gene Name	HIST2H2BE
UniProt Synonym Gene Names	H2BFQ; H2B/q
UniProt Entry Name	H2B2E_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/polyclonal/monomethyl-histone-h2b-k5-antibody-immunofluorescence-elisa/177501>