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MonoMethyl-Histone H2A (K118) Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1D11**GeneID:** 3012**SWISS:** P04908**Target:** MonoMethyl-Histone H2A (K118)**Immunogen:** A synthesized peptide derived from human Histone H2A around the methylation site of K118: LP-K(Me)-KT.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.**Applications:** WB (1:1000-1:2000)**IHC-P** (1:100-1:200)**IHC-F** (1:100-1:200)**IF** (1:50-1:200)**ICC/IF** (1:50-1:200)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 14 kDa**Subcellular
Location:** Nucleus