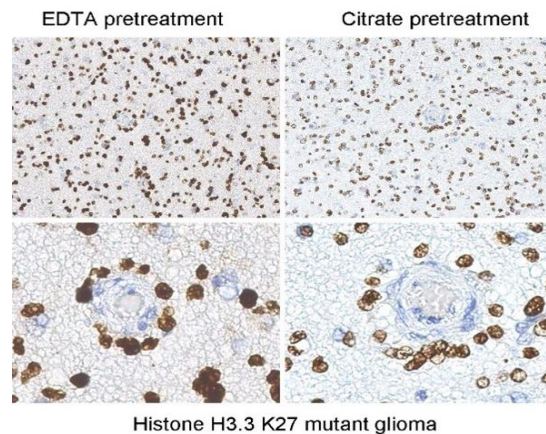


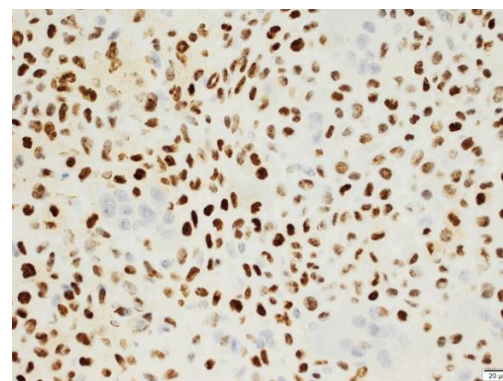
## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Histone H3 Mutation Antibody Panel (Mutated K4M, K9M, K27M, K36M)
<b>Catalog No.:</b>	31-1326-MP
<b>Lot No.:</b>	RM191: RM192: RM193: RM363:
<b>Specificity:</b>	Histone H3 Antibody Panel reacts to Histone H3 K4M, K9M, K27M, and K36M mutants. No cross reactivity with wild type Histone H3.
<b>Application:</b>	Western Blot, ELISA, and Immunohistochemistry
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	25 µL/each
<b>Usage:</b>	Western Blot: 1:125 – 1:1000; ELISA: 1:125 – 1:1000; IHC: 1:100 – 1:500.
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	For Research Use Only Not for Diagnostic or Therapeutic Use



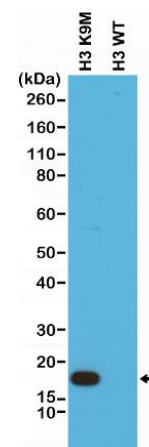
Immunostaining of brain tumor tissue sections using both EDTA and Citrate pretreatment methods. Clinically validated to be Positive for the H3.3 K27M Mutation by Sanger sequencing.

*Image courtesy of Sebastian Brandner MD, Division of Neuropathology and Dept. of Neurodegenerative Disease, UCL Institute of Neurology, London, UK*



Immunohistochemical staining of formalin fixed paraffin embedded (FFPE) Chondroblastoma tumor cell tissue sections using RM193 Anti-Histone H3K36M mAb at a 1:400 dilution.

*Image courtesy of Adrienne Flanagan, Department of Histopathology, ROTH, Stanmore, Middlesex, UK*



Western Blot analysis of cell lysates prepared from 293T transfected with a DNA construct encoding K9M mutant or wild type proteins of Histone H3, using anti-Histone H3 K9M rabbit monoclonal antibody clone RM191.