

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

KMT6 RABBIT MAB

Cat.#: N262450

Product Name: Anti-KMT6 Rabbit Monoclonal Antibody

Synonyms: WVS; ENX1; KMT6; WVS2; ENX-1; EZH2b; KMT6A; EZH2

UNIPROT ID: Q15910

Background: Polycomb group (PcG) protein. Catalytic subunit of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' and 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di- and trimethylate 'Lys-27' of histone H3 to form H3K27mel, H3K27me2 and H3K27me3, respectively. Compared to EZH2-containing complexes, it is more abundant in embryonic stem cells and plays a major role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.

Immunogen: A synthetic peptide of human KMT6/EZH2

Applications: WB,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-5B1

MW: Calculated MW: 85 kDa; Observed MW: 98 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

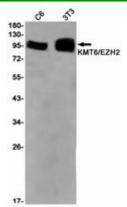
Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Western blot analysis of KMT6/EZH2 in C6, 3T3 lysates using KMT6 antibody.