KMT6 / EZH2 Rabbit mAb

Catalog No: #59194

Package Size: #59194-1 50ul #59194-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	KMT6 / EZH2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	KMT6 / EZH2 Antibody detects endogenous levels of total KMT6 / EZH2
Immunogen Description	A synthesized peptide derived from human KMT6 / EZH2
Other Names	EZH 2; EZH1; EZH2; EZH2b; KMT 6; KMT6; KMT6A;
Accession No.	Uniprot:Q15910
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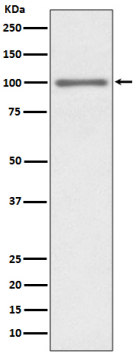
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

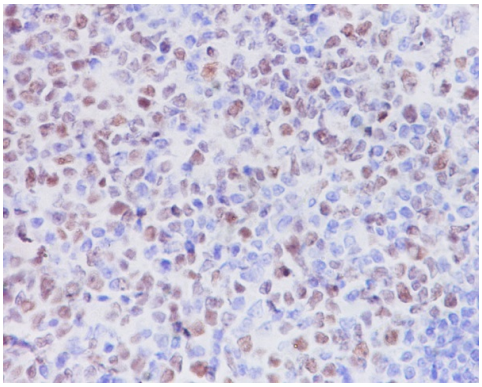
Application Details

WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50

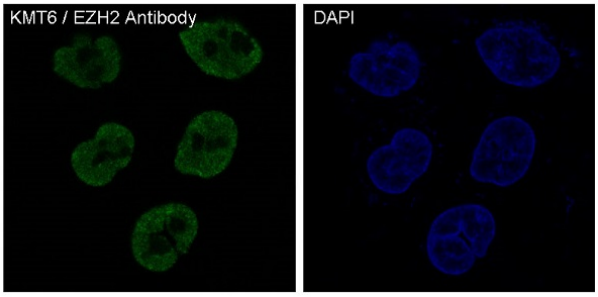
Images



Western blot analysis of KMT6 / EZH2 expression in HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human tonsil, using KMT6 / EZH2 Antibody.



Immunofluorescent analysis of Hela cells, using KMT6 / EZH2 Antibody.

Product Description

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 H3K27me1, 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.

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 H3K27me1, 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.

Note: This product is for in vitro research use only