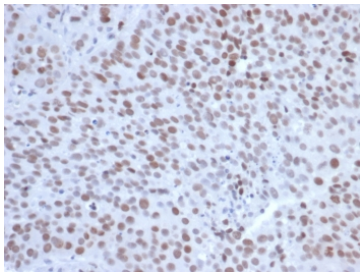
EZH2 Antibody / Enhancer of zeste homolog 2 [clone EZH2/6991] (V5232)

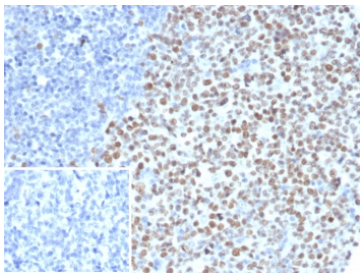
Catalog No.	Formulation	Size
V5232-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5232-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5232SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	EZH2/6991
Purity	Protein A/G affinity
UniProt	Q15910
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This EZH2 antibody is available for research use only.



EZH2 Antibody Human Tonsil IHC. Immunohistochemistry staining of FFPE human tonsil tissue with EZH2 antibody (clone EZH2/6991). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



EZH2 Antibody Tonsil Tissue Immunohistochemistry. IHC staining of FFPE human tonsil tissue with EZH2 antibody (clone EZH2/6991). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively splcied transcript variants encoding distinct isoforms have been identified for this gene.

For comprehensive detection of EZH2 in epigenetic regulation and PRC2 complex studies, see our EZH2 antibody (clone EZH2/2536).

Application Notes

Optimal dilution of the EZH2 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 300-550) from the human protein was used as the immunogen for the EZH2 antibody.

Storage

Aliquot the EZH2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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