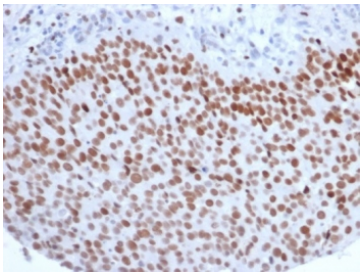
Enhancer of zeste homolog 2 Antibody / EZH2 [clone EZH2/6988] (V5233)

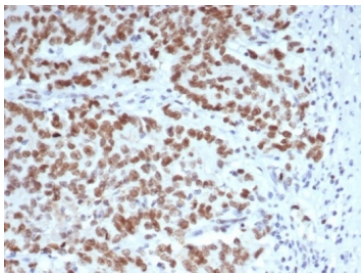
Catalog No.	Formulation	Size
V5233-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5233-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5233SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

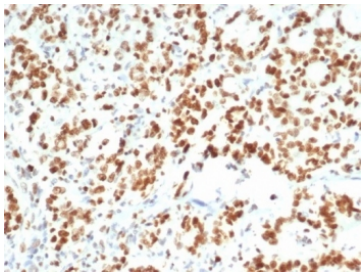
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG, kappa
Clone Name	EZH2/6988
Purity	Protein A/G affinity
UniProt	Q15910
Localization	Nucleus
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Enhancer of zeste homolog 2 antibody is available for research use only.



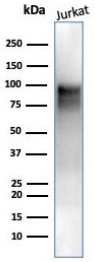
Enhancer of zeste homolog 2 Antibody Bladder Carcinoma IHC. Immunohistochemistry staining of FFPE human bladder carcinoma with Enhancer of zeste homolog 2 antibody (clone EZH2/6988). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human Lynch syndrome colon carcinoma tissue with Enhancer of zeste homolog 2 antibody (clone EZH2/6988). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Enhancer of zeste homolog 2 Antibody Human Bladder Carcinoma Tissue IHC. Immunohistochemistry analysis of FFPE human bladder carcinoma with Enhancer of zeste homolog 2 antibody (clone EZH2/6988). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Enhancer of zeste homolog 2 Antibody WB. Western blot testing of human Jurkat cell lysate with Enhancer of zeste homolog 2 antibody (clone EZH2/6988). Expected molecular weight: 85-95 kDa.

Description

Enhancer of zeste homolog 2 Antibody detects EZH2, 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 Enhancer of zeste homolog 2 antibody.

Storage

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

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