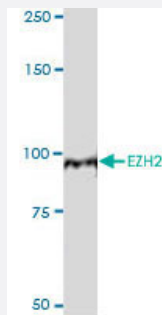


EZH2 monoclonal antibody (M01), clone 2C3

Catalog # H00002146-M01

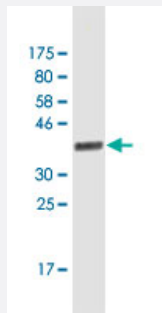
Size 100 ug

Applications



Western Blot (Cell lysate)

EZH2 monoclonal antibody (M01) , clone 2C3 recognizes the appropriate size (95 KDa) full length protein in human prostate cancer cells (DU145, whole cell extract made in modified RIPA buffer) , Primary Ab dilution = 1 : 1000. Mouse-HRPO dilution = 1 : 25000.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EZH2.
Immunogen	EZH2 (AAH10858, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRRADEVKSMFSSNRQKILERTEILNQEWKQR RIQPVHILTSVSSLRGTRECSVTSDLDFPTQVIPLKTLNAVASVPIM
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.84 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EZH2 monoclonal antibody (M01) , clone 2C3 recognizes the appropriate size (95 KDa) full length protein in human prostate cancer cells (DU145, whole cell extract made in modified RIPA buffer) , Primary Ab dilution = 1 : 1000. Mouse-HRPO dilution = 1 : 25000.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EZH2

Entrez GeneID

[2146](#)

GeneBank Accession#

[BC010858](#)

Protein Accession#

[AAH10858](#)

Gene Name

EZH2

Gene Alias

ENX-1, EZH1, KMT6, MGC9169

Gene Description

enhancer of zeste homolog 2 (Drosophila)

Omim ID

[601573](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

enhancer of zeste 2

Publication Reference

- [Monospecific antibody targeting of CDH11 inhibits epithelial-to-mesenchymal transition and represses cancer stem cell-like phenotype by up-regulating miR-335 in metastatic breast cancer, in vitro and in vivo.](#)

Chen JH, Huang WC, Bamodu OA, Chang PM, Chao TY, Huang TH.

BMC Cancer 2019 Jun; 19(1):634.

Application: WB-Ce, WB-Tr, Human, Cancer-associated fibroblasts, MCF-7, MDA-MB-231 cells

- [Cardiogenol C can induce Mouse Hair Bulge Progenitor Cells to Transdifferentiate into Cardiomyocyte-like Cells.](#)

Yau WW, Tang MK, Chen E, Yao Y, Wong IW, Lee HS, Lee KK.

Proteome Science 2011 Jan; 9(1):3.

Application: WB-Ce, Mouse, Mouse hair bulge progenitor cells

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
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- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
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