

## 36-2266: Anti-EZH2 / KMT6 Monoclonal Antibody(Clone: EZH2/2536)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EZH2/2536
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	EZH2
<b>Gene ID :</b>	2146
<b>Uniprot ID :</b>	Q15910
<b>Alternative Name :</b>	Enhancer of zeste 2 polycomb repressive complex 2 subunit; Enhancer of zeste homolog 2 (EZH2); ENX1; Enx1h; EZH2b; Histone-lysine N-methyltransferase EZH2; KMT6; KMT6A; Lysine N-methyltransferase 6; WVS; WVS2
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Recombinant full-length human EZH2 protein

### 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 spliced transcript variants encoding distinct isoforms have been identified for this gene.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Western Blot (1-2ug/ml);

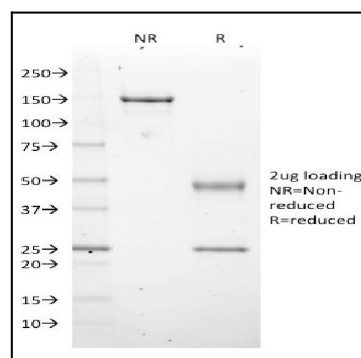


Fig. 1: SDS-PAGE Analysis Purified EZH2 / KMT6 Mouse Monoclonal Antibody (EZH2/2536). Confirmation of Purity and Integrity of Antibody.

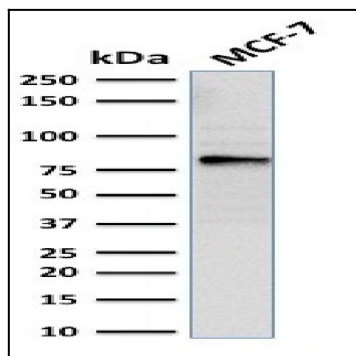


Fig. 2: Western Blot Analysis of MCF-7 cell lysate using EZH2 / KMT6 Mouse Monoclonal Antibody (EZH2/2536).

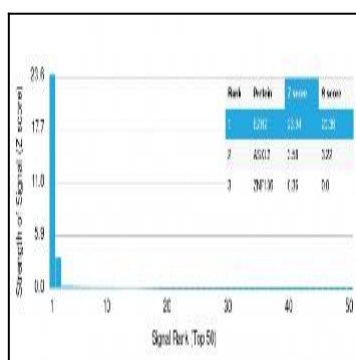


Fig. 3: Analysis of Protein Array containing more than 19,000 full-length human proteins using EZH2 Mouse Monoclonal Antibody (EZH2/2536). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.