

EZH2 / KMT6 Antibody

Mouse Monoclonal Antibody [Clone EZH2/2536]

Catalog No	Format	Size
2146-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2146-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2146-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

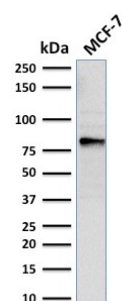
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

Product Details

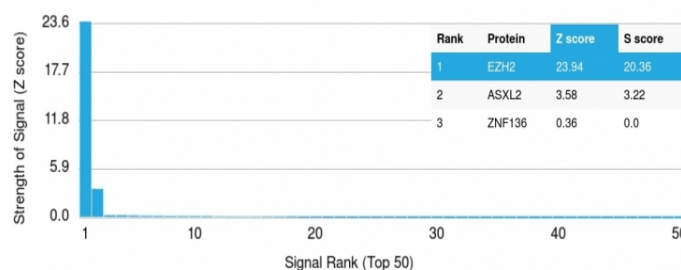
Clone	EZH2/2536
Gene Name	EZH2
Immunogen	Recombinant full-length human EZH2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	81-102kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa, MCF7, U-2 OS or HEK-293 cells.

*Optimal dilution for a specific application should be determined.

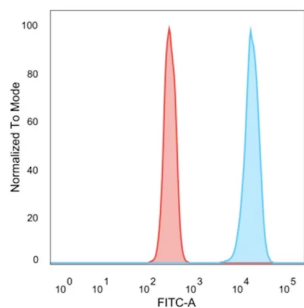
Product Images for EZH2 / KMT6 Antibody



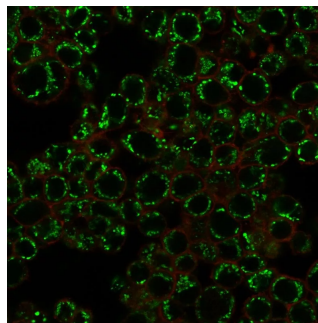
Western Blot Analysis of MCF-7 cell lysate using EZH2 / KMT6 Mouse Monoclonal Antibody (EZH2/2536).



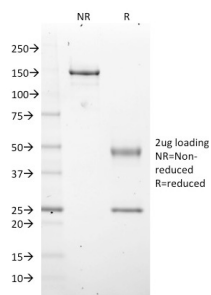
Analysis of Protein Array containing more than 19,000 full-length human proteins using EZH2 Mouse Monoclonal Antibody (EZH2/2536). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary 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 be 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.



Flow Cytometric Analysis of PFA-fixed HeLa cells. EZH2 / KMT6 Mouse Monoclonal Antibody (EZH2/2536) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Immunofluorescence Analysis of HeLa cells using EZH2 / KMT6 Mouse Monoclonal Antibody (EZH2/2536) followed by goat anti-mouse IgG-CF488 (green); counterstain (RedDot).



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

Specificity & Comments

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.

Supplied As

200ug/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.

Storage and Stability

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. No MSDS required.

Research Areas

Cardiovascular, Developmental Biology, Infectious Disease, Neural Stem Cells, Nuclear Marker, Signal Transduction, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.