

EZH2 Polyclonal Antibody

Catalog NumberPA5-24594

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Human
Class	Polyclonal	Tested Applications	
Type	Antibody	Flow Cytometry (Flow)	Dilution *1:10-1:50
Immunogen	recombinant protein from human EZH2.	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Conjugate	Unconjugated	Western Blot (WB)	1:1,000
Form	Liquid	Immunocytochemistry (ICC/IF)	1:10-1:50
Concentration	Lot-specific	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

EZH2 (Histone-lysine N-methyltransferase) is 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. EZH2 may play a role in the hematopoietic and central nervous systems. Mutations affecting EZH2 can cause Weaver syndrome (WVS).

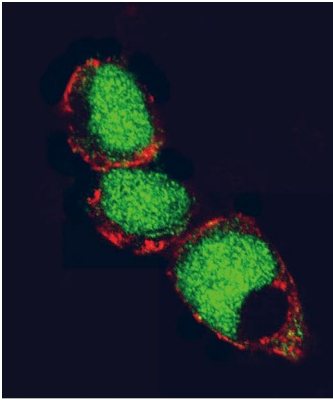
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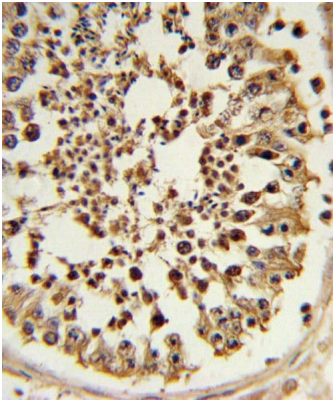
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Product Images For EZH2 Polyclonal Antibody



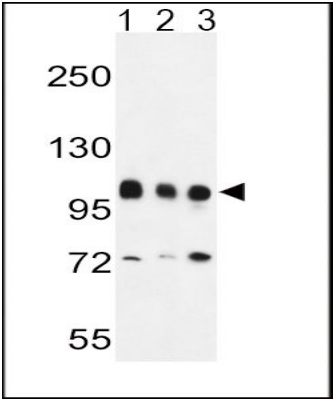
EZH2 Antibody (PA5-24594) in ICC/IF

Immunofluorescent analysis of 293 cells using an EZH2 polyclonal antibody (Product # PA5-24594) at a dilution of 1:10-50. Primary antibody was detected with goat anti-rabbit IgG, fluor-conjugated secondary antibody (green). Actin filaments have been labeled with red dye conjugated phalloidin.



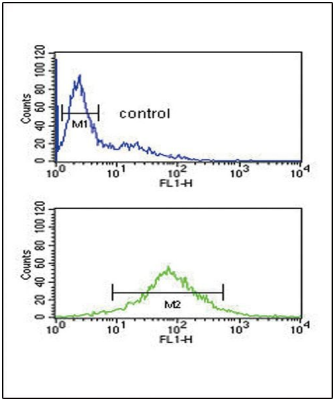
EZH2 Antibody (PA5-24594) in IHC

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human testis tissue using an EZH2 polyclonal antibody (Product # PA5-24594), followed by HRP-conjugated secondary antibody and DAB staining.



EZH2 Antibody (PA5-24594) in WB

Western blot analysis using an EZH2 polyclonal antibody (Product # PA5-24594) in MDA-MB231 (lane 1), Jurkat (lane 2), MDA-MB468 (lane 3) cell lysates (35 µg per lane).



EZH2 Antibody (PA5-24594) in Flow

Flow cytometry analysis of Jurkat cells using an EZH2 polyclonal antibody (Product # PA5-24594) (bottom) compared to a negative control cell (top) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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