

Anti-EZH2 Antibody (8M34)

Product Details

Ig Type:	IgG1,IgK
Reactivity:	Human
Molecular Weight:	Theoretical: 82 kDa. Actual: 98 kDa.
Clone:	8M34
Purification:	Protein G purified

Applications

Verified Activity:	<p>1. Blank control (black line): Jurkat. Primary Antibody (green line): Mouse Anti-EZH2 antibody (TMAB-05765) Dilution: 1 µg/Test; Secondary Antibody (white blue line): Goat anti-mouse IgG-FITC Dilution: 0.5 µg/Test. Isotype control (orange line): Normal Rabbit IgG</p> <p>Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p> <p>2. 4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (EZH2) monoclonal Antibody, unconjugated (TMAB-05765) 1:50, 90 min at 37°C; followed by conjugated Goat Anti-Mouse IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>3. 25 µg total protein per lane of various lysates (see on figure) probed with EZH2 monoclonal antibody, unconjugated (TMAB-05765) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,ICC/IF
Recommended	WB=1:500-2000,ICC/IF=1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human EZH2
Antigen Species: Human
Gene ID: 2146
Uniprot ID: Q15910

Research Background

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. [provided by RefSeq, Feb 2011].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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