

Anti-EZH2 Polyclonal Antibody

Product Details

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|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human, Mouse (predicted: Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit) |
| Molecular Weight: | Theoretical: 82 kDa. |
| Purification: | Protein A purified |

Applications

1. Blank control: K562.
Primary Antibody (green line): Rabbit Anti-KMT6 antibody (TMAB-05766)
Dilution: 1 μ g / 10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-FITC
Dilution: 0.5 μ g / test.

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.

Verified Activity:

2. Blank control: Mouse spleen.
Primary Antibody (green line): Rabbit Anti-KMT6 antibody (TMAB-05766)
Dilution: 1 μ g / 10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-PE
Dilution: 1 μ g / test.

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.

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|--------------|-----------------------|
| Application: | FCM |
| Recommended | FCM: 1 μ g / Test |

Properties

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| 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: KLH conjugated synthetic peptide: human KMT6/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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