

EHMT2 monoclonal antibody

Catalog: MB22707

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

132.4kDa

Swiss-Prot:

Q96KQ7

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 IF:1/200 - 1/1000 FC:1/200 - 1/400

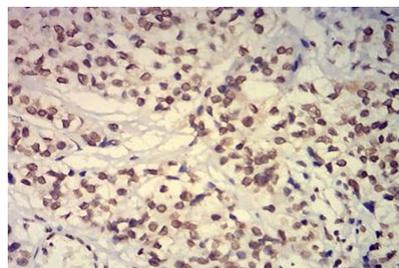
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

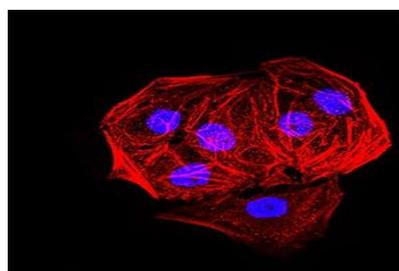
Isotype:

Mouse IgG1

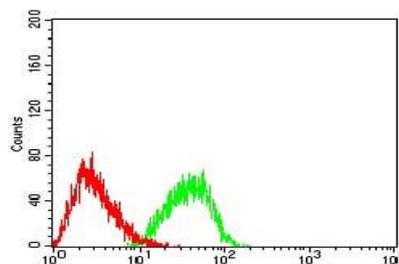
DATA:



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using EHMT2 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HL-60 cells using EHMT2 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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