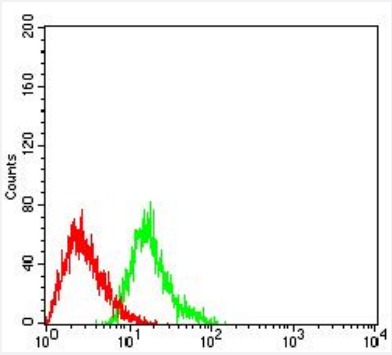
EHMT2 monoclonal antibody, clone 6F3E5

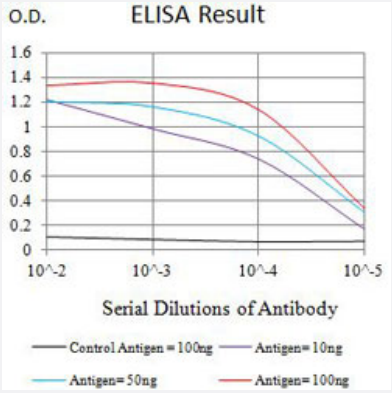
Catalog # MAB21452 Size 100 ug

Applications



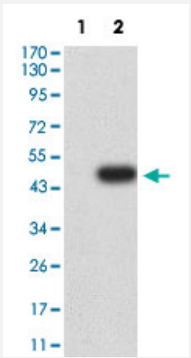
Flow Cytometry

Flow cytometric analysis of HL-60 cells with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452) (Green). Red: Negative Control.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452).



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: EHMT2-hIgGFc transfected HEK293 cell lysates with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452).

Specification

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Product Description	Mouse monoclonal antibody raised against partial recombinant human EHMT2.
Immunogen	Recombinant protein corresponding to amino acids 317-471 of human EHMT2.
Host	Mouse
Theoretical MW (kDa)	132.4
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Flow cytometric analysis of HL-60 cells with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452) (Green). Red: Negative Control.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452).

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: EHMT2-hIgGFc transfected HEK293 cell lysates with EHMT2 monoclonal antibody, clone 6F3E5 (Cat # MAB21452).

Gene Info — EHMT2

Entrez GeneID	10919
Protein Accession#	Q96KQ7

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Gene Name	EHMT2
Gene Alias	BAT8, C6orf30, DKFZp686H08213, FLJ35547, G9A, KMT1C, NG36, NG36/G9a
Gene Description	euchromatic histone-lysine N-methyltransferase 2
Omim ID	604599
Gene Ontology	Hyperlink
Gene Summary	A cluster of genes, BAT1-BAT5, has been localized in the vicinity of the genes for TNF alpha and TNF beta. This gene is found near this cluster; it was mapped near the gene for C2 within a 120-k b region that included a HSP70 gene pair. These genes are all within the human major histocomp atibility complex class III region. This gene was thought to be two different genes, NG36 and G9a, adjacent to each other but a recent publication shows that there is only a single gene. The protein encoded by this gene is thought to be involved in intracellular protein-protein interaction. There ar e three alternatively spliced transcript variants of this gene but only two are fully described. [provid ed by RefSeq
Other Designations	G9A histone methyltransferase|HLA-B associated transcript 8|OTTHUMP00000029262|ankyrin r epeat-containing protein

Pathway

- Lysine degradation

Disease

- Adenocarcinoma
- Breast cancer
- Breast Neoplasms
- Colorectal Neoplasms
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Microsatellite Instability
- Neoplasm Invasiveness

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