

MGMT Recombinant antibody

Cat:B32151R

Company: Haokebio

Uniprot ID:P16455

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

MGMT, or O⁶-methylguanine-DNA methyltransferase, is a DNA repair enzyme that participates in cellular defense against the biological effects of O⁶-methylguanine (O⁶-MeG) in DNA. Methylation of the MGMT promoter leads to silencing of the MGMT gene, thereby reducing the expression of MGMT mRNA and protein. Therefore, the higher the degree of methylation in the MGMT gene promoter region of a patient, the better the potential efficacy of alkylating agent-based treatment.

Protein full name:

O-6-methylguanine-DNA methyltransferase

Synonyms:

O-6-methylguanine-DNA-alkyltransferase, Methylated-DNA--protein-cysteine methyltransferase, EC:2.1.1.63, 6-O-methylguanine-DNA methyltransferase

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

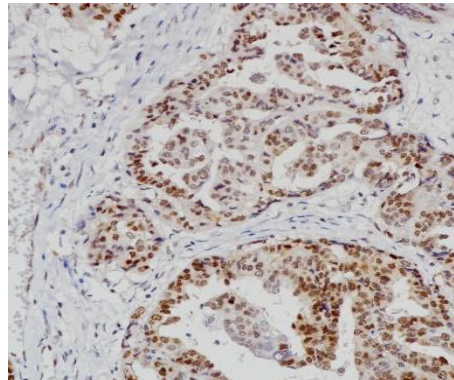
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human endometrial cancer tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:MGMT(B32151R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.