

MGMT Rabbit mAb

Catalog No: #52000

Package Size: #52000-1 50ul #52000-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

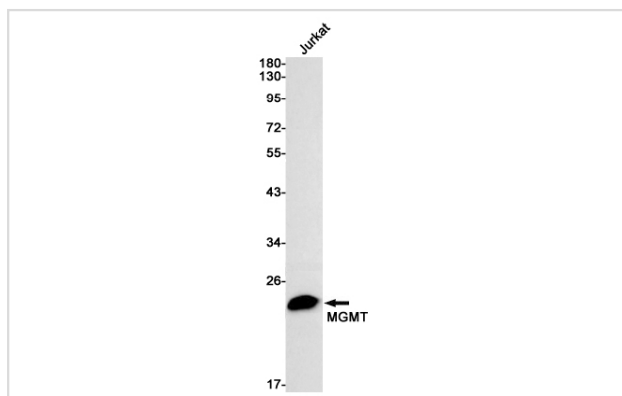
Description

Product Name	MGMT Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-8B1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human MGMT
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Methylated-DNA--protein-cysteine methyltransferase
Accession No.	Swiss-Prot:P16455GenelD:4255
Uniprot	P16455
GenelD	4255
Calculated MW	Calculated MW: 22 kDa; Observed MW: 22 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

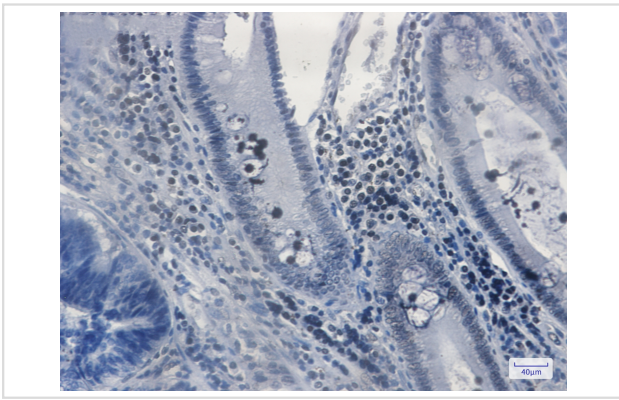
Application Details

WB: 1/1000-1/5000; IHC: 1/50-1/200

Images



Western blot detection of MGMT in Jurkat cell lysates using MGMT Rabbit mAb(1:1000 diluted). Predicted band size:22kDa.Observed band size:22kDa.



Immunohistochemistry of MGMT in paraffin-embedded Human colon cancer tissue using MGMT Rabbit mAb at dilution 1/100

Background

Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) and O4-methylthymine (O4-MeT) in DNA. Repairs the methylated nucleobase in DNA by stoichiometrically transferring the methyl group to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.

Note: This product is for in vitro research use only