

## Recombinant

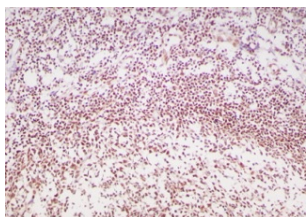
## MGMT (BP6217) Rabbit mAb

db30177

Package : 100μL

**Product Name :** MGMT (BP6217) Rabbit mAb**Cat.No.:** db30177**Synonyms :** 6-O-methylguanine-DNA methyltransferase; O-6-methylguanine-DNA-alkyltransferase**Application :** IHC, WB**Reactivity :** Human**Host species :** Rabbit

<b>Background</b>	Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.
<b>Immunogen</b>	A synthetic peptide corresponding to residues on the N-terminus of human MGMT was used as an immunogen
<b>Swiss Prot</b>	P16455
<b>Synonyms</b>	6-O-methylguanine-DNA methyltransferase; O-6-methylguanine-DNA-alkyltransferase
<b>Reactivity</b>	Human
<b>Application</b>	IHC, WB
<b>Recommended dilution</b>	IHC: 1:100-1:200
<b>Calculated MW</b>	22 kDa
<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	BP6217
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunohistochemistry of paraffin-embedded human appendix using MGMT antibody at dilution of 1:200 (200x lens).