

Recombinant

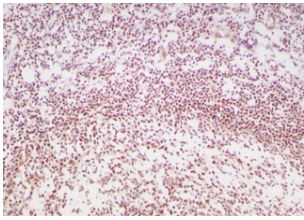
MGMT (BP6217) Rabbit mAb

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

Background	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.
Immunogen	A synthetic peptide corresponding to residues on the N-terminus of human MGMT was used as an immunogen
Swiss Prot	P16455
Synonyms	6-O-methylguanine-DNA methyltransferase; O-6-methylguanine-DNA-alkyltransferase
Reactivity	Human
Application	IHC, WB
Recommended dilution	IHC: 1:100-1:200
Calculated MW	22 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	BP6217
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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).