

## anti- MGMT antibody

### Product Information

Catalog No.:	CAF50220
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 information

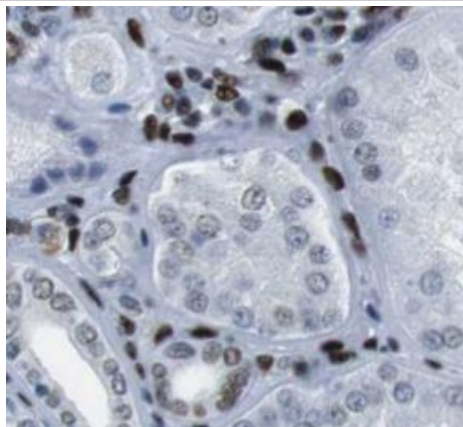
Immunogen:	O-6-methylguanine-DNA methyltransferase
Synonyms:	MGMT
Observed MW:	22 kDa
Uniprot ID :	P16455

### Application

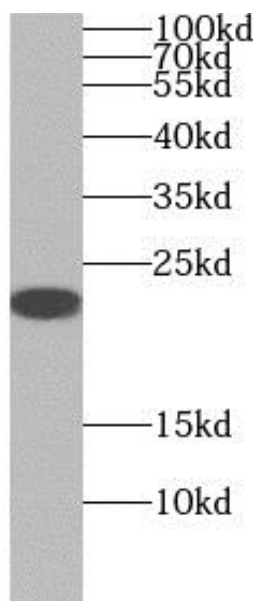
Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:5000; IP: 1:200-1:2000; IHC: 1:20-1:200
Image:	

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human kidney using CAF50220(MGMT antibody) at dilution of 1:100



Jurkat cells were subjected to SDS PAGE followed by western blot with CAF50220(MGMT antibody) at dilution of 1:1000