



Anti-MGMT polyclonal antibody (DPAB-DC1181)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	enzyme involved in DNA repair of O(6)-alkylguanine which is the major mutagenic and carcinogenic lesion in DNA [RGD, Feb 2006]
Specificity	This antibody recognizes ~25 KDa MGMT.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 8 of rat Mgmt.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Mgmt O-6-methylguanine-DNA methyltransferase [Rattus norvegicus (Norway rat)]
Official Symbol	MGMT
Synonyms	MGMT; O-6-methylguanine-DNA methyltransferase; methylated-DNA--protein-cysteine methyltransferase; O6-alkylguanine-DNA alkyltransferase; O6-methylguanine-DNA methyltransferase; O(6)-alkylguanine-DNA alkyltransferase; O-6-methylguanine-DNA-alkyltransferase; O-6-methylguanine-DNA methyltransferase; 6-O-methylguanine-DNA methyltransferase;
Entrez Gene ID	25332
Protein Refseq	NP_036993
UniProt ID	P24528
Chromosome Location	1q41
Pathway	DNA Damage Reversal;
Function	DNA binding; calcium ion binding; methylated-DNA-[protein]-cysteine S-methyltransferase activity; methyltransferase activity