

## Product datasheet for **TA328166**

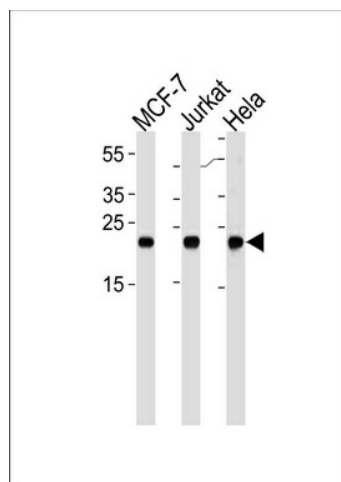
### MGMT Mouse Monoclonal Antibody [Clone ID: 888CT22.2.4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	888CT22.2.4
Applications:	WB
Recommended Dilution:	WB: 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified His-tagged MGMT protein was used to produced this monoclonal antibody.
Formulation:	crude ascites with 0.09% (W/V) sodium azide
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	O-6-methylguanine-DNA methyltransferase
Database Link:	<a href="#">NP_002403</a> <a href="#">Entrez Gene 4255 Human</a> <a href="#">P16455</a>
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.
Synonyms:	methylguanine-DNA methyltransferase; O-6-methylguanine-DNA methyltransferase; O6-methylguanine-DNA methyltransferase; OTTHUMP00000020741
Protein Families:	Druggable Genome



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**Product images:**

MGMT Antibody (Cat. #TA328166) western blot analysis in MCF-7, Jurkat, HeLa cell line lysates (35ug/lane). This demonstrates the MGMT antibody detected the MGMT protein (arrow).