

## MGMT Ab

[Images\(1\)](#)

Cat.#: AF5295	Concn.: ~1mg/ml	Mol.Wt.: 22 kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

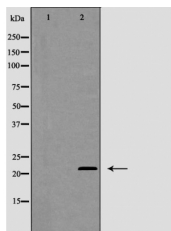
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human MGMT, corresponding to a region within N-terminal amino acids.

Uniprot: P16455

Description: MGMT (O6 methylguanine DNA methyltransferase) is an enzyme that transfers methyl groups from O methylguanine, and other methylated moieties of DNA, to a cysteine residue in itself, thus repairing DNA damage caused by alkylation in a single step reaction.



Western blot analysis of MGMT expression in Jurkat cells..The lane on the left was treated with the antigen-specific peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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