Product **Datasheet**

Anti-MGMT Rabbit pAb

WL03272

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MGMT Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:500-1:1000
Pack size	50/100/200/500/1000μl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

MGMT (6-O-methylguanine-DNA methyltransferase) is a DNA repair enzyme with the ability to protect cells from carcinogenic effects of alkylating agents by removing adducts from the O(6) position of guanine, restoring guanine to its normal form without causing DNA breaks. MGMT protects cells from alkylating toxins, and is an important factor in drug resistance to alkylating therapeutic agents Indeed, MGMT silencing has been linked to mutations in other tumor-related genes including silencing of p53, k-ras gene mutations, and methylation of CDKN1A gene as well as CDKN2A gene.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MGMT.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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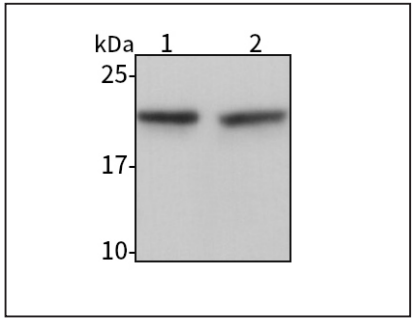
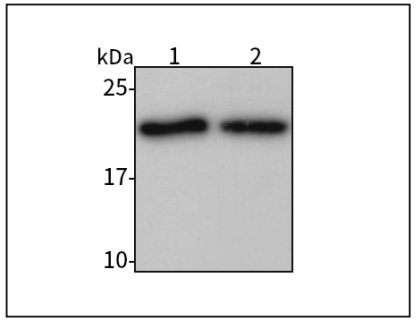
Product Images



Western blot-Anti--MGMT pAb

Lane 1: Human HL-60 cell lysate
Lane 2: Human Raji cell lysate
All lanes: Anti--MGMT at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 22 kDa
Observed band size: 22 kDa



Western blot-Anti--MGMT pAb

Lane 1: Mouse liver tissue lysate
Lane 2: Rat liver tissue lysate
All lanes: Anti--MGMT at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 22 kDa
Observed band size: 22 kDa

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