Manufacturer/Supplier:
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Product name: Rabbit anti-MGMT Antibody
Catalog: DL94904A

Synonyms: Methylated-DNA--protein-cysteine methyltransferase; 6-O-methylguanine-DNA methyltransferase; MGMT; O-6-methylguanine-DNA-alkyltransferase

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MGMT. The exact sequence is proprietary.

Form: Liquid **Concentration:** 1mg/mL

Size: 100 ul/50 ul **Host:** Rabbit

Reactivity: Human **Application:** WB, IHC, IF/IC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500)

Entrez Gene: 4255

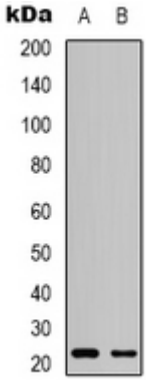
SwissProt: P16455

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of MGMT expression in MCF7 (A), PC3 (B) whole cell lysates.

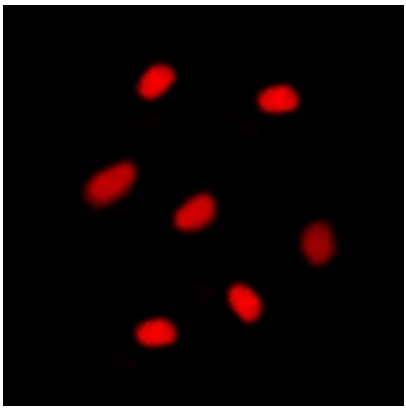


IHC description:

Immunohistochemical analysis of MGMT staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of MGMT staining in T98G cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Storage:

Store at -20℃. Avoid repeated freeze / thaw cycles.