

## Catalog #: 3467

### Aliases

MGMT; O-6-Methylguanine-DNA Methyltransferase; Methylated-DNA--Protein-Cysteine Methyltransferase; 6-O-Methylguanine-DNA Methyltransferase; O-6-Methylguanine-DNA-Alkyltransferase; EC 2.1.1.63; O6-Methylguanine-DNA Methyltransferase; Methylguanine-DNA Methyltransferase

### Background

Gene Name: MGMT

NCBI Gene Entry: [4255](#)

UniProt Entry: [P16455](#)

### Application Information

Molecular Weight: Predicted, 22 kDa; observed, 22 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB5770

Species Reactivity: Human

Applications Tested: Western blotting (WB)

### Immunogen

Recombinant protein of human MGMT

### Isotype

Mouse IgG1

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

**Note:** This product is for research use only.

### Validation Data

---

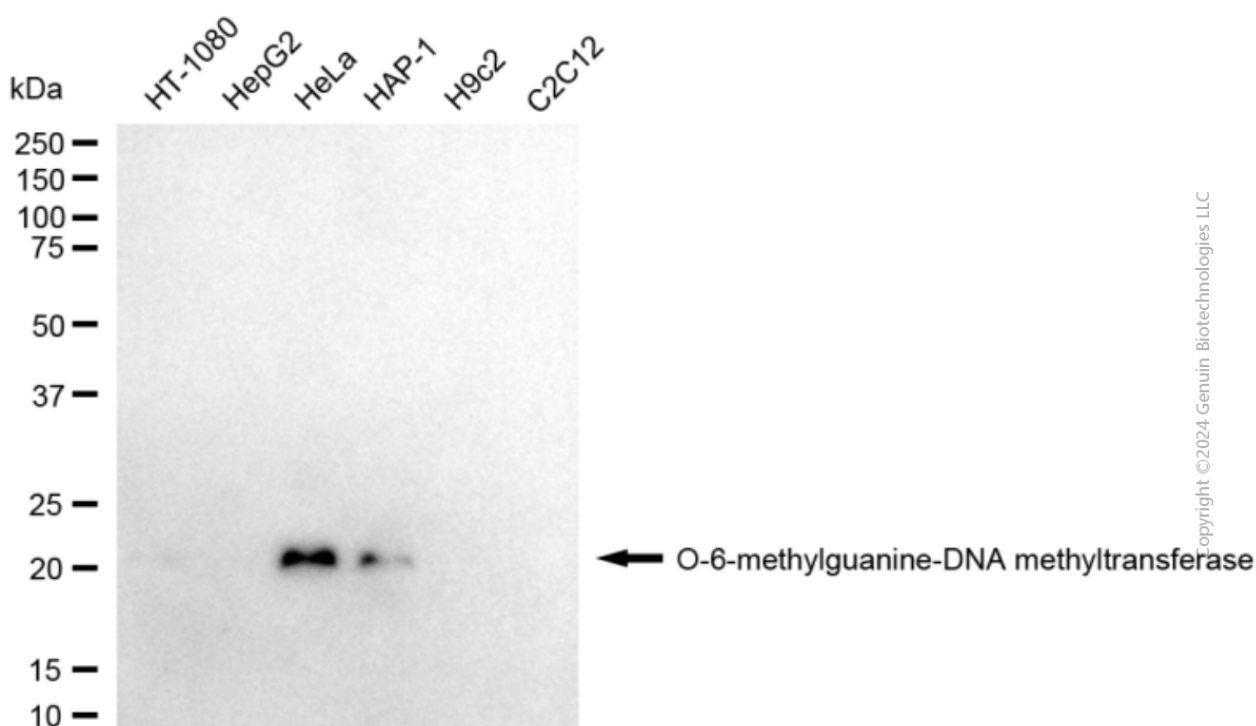
#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Western blotting analysis using anti-O-6-methylguanine-DNA methyltransferase antibody (Cat#3467). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-O-6-methylguanine-DNA methyltransferase antibody (Cat#3467, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).