

Datasheet for ABIN656810

anti-MGMT antibody (N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	MGMT
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGMT antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This MGMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MGMT.
Clone:	RB19081
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MGMT
Alternative Name:	MGMT (MGMT Products)

Target Details

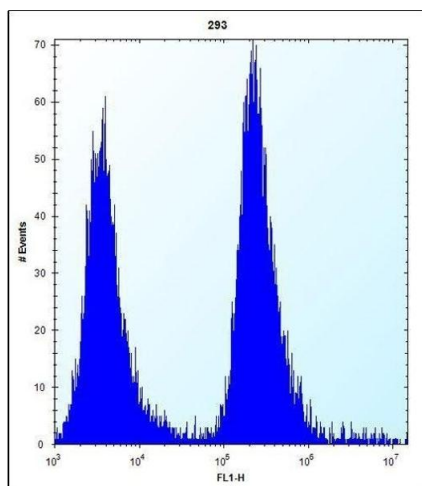
Background:	MGMT is involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.
Molecular Weight:	21646
Gene ID:	4255
UniProt:	P16455
Pathways:	DNA Damage Repair , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

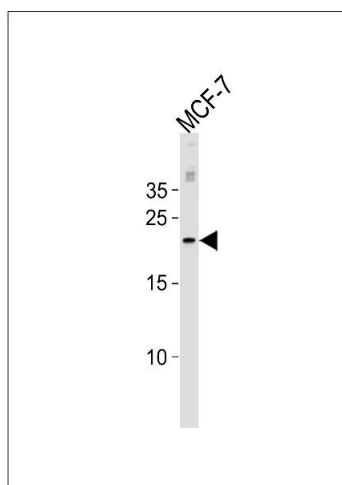
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	MGMT Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. MGMT Antibody (N-term) (ABIN656810 and ABIN2846024) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. MGMT Antibody (N-term) (ABIN656810 and ABIN2846024) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the MGMT antibody detected the MGMT protein (arrow).