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# Datasheet for ABIN3032088 anti-MGMT antibody (AA 156-182)

5 Images



### Overview

Quantity:	0.4 mL
Target:	MGMT
Binding Specificity:	AA 156-182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

# Product Details

Immunogen:	A portion of amino acids 156-182 from the human protein was used as the immunogen for this
	MGMT antibody.
lsotype:	Ig Fraction
Purification:	Purified

## Target Details

Target:	MGMT
Alternative Name:	MGMT (MGMT Products)
Background:	MGMT is involved in the cellular defense against the biological effects of O6-methylguanine
	transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a

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Target Details	
	suicide reaction: the protein is irreversibly inactivated.
UniProt:	P16455
Pathways:	DNA Damage Repair, Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Titration of the MGMT antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow
	Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the MGMT antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

#### Images



#### Flow Cytometry

**Image 1.** Flow cytometric analysis of CEM cells using MGMT antibody (bottom histogram) compared to a negative control top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for

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#### Immunohistochemistry

Image 2. IHC analysis of FFPE human placenta with MGMT

antibody

## Western Blotting

**Image 3.** MGMT antibody western blot analysis in Jurkat lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN3032088.