

Datasheet for ABIN7159622
anti-MGMT antibody (AA 4-207)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	MGMT
Binding Specificity:	AA 4-207
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGMT antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Methylated-DNA--protein-cysteine methyltransferase protein (4-207AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MGMT
Alternative Name:	MGMT (MGMT Products)
Background:	Background: 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

Target Details

group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.

Aliases: 6 O methylguanine DNA methyltransferase antibody, 6-O-methylguanine-DNA methyltransferase antibody, Agat antibody, AGT antibody, AI267024 antibody, EC 2.1.1.63 antibody, Methylated DNA protein cysteine methyltransferase antibody, Methylated-DNA--protein-cysteine methyltransferase antibody, Methylguanine DNA methyltransferase antibody, MGC107020 antibody, MGMT antibody, MGMT_HUMAN antibody, O 6 methylguanine DNA alkyltransferase antibody, O 6 methylguanine DNA methyltransferase antibody, O-6-methylguanine-DNA methyltransferase antibody, O-6-methylguanine-DNA-alkyltransferase antibody

UniProt: [P16455](#)

Pathways: [DNA Damage Repair](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Recommended dilution: IHC:1:10-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

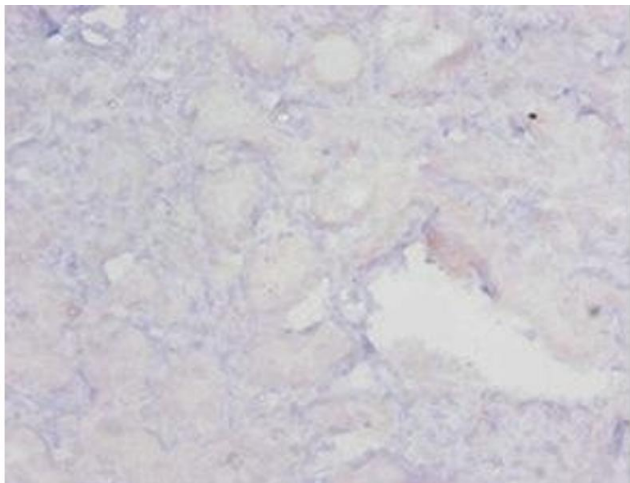
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

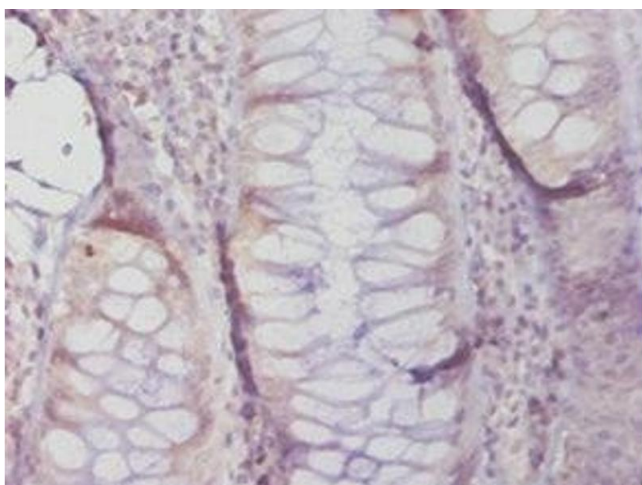
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7159622 at dilution of 1:20



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7159622 at dilution of 1:20