

Rabbit anti-MGMT antibody, clone SQab1861 (monoclonal)

Clone no. SQab1861

MONOSAN

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Product name	Rabbit anti-MGMT antibody, clone SQab1861 (monoclonal)
Host	Rabbit
Applications	FC, IHC-P, IP, WB
Species reactivity	Human, Mouse, Rat
Conjugate	-
Immunogen	Synthetic peptide around the N-terminus of Human MGMT.
Isotype	-
Clonality	Monoclonal
Clone number	SQab1861
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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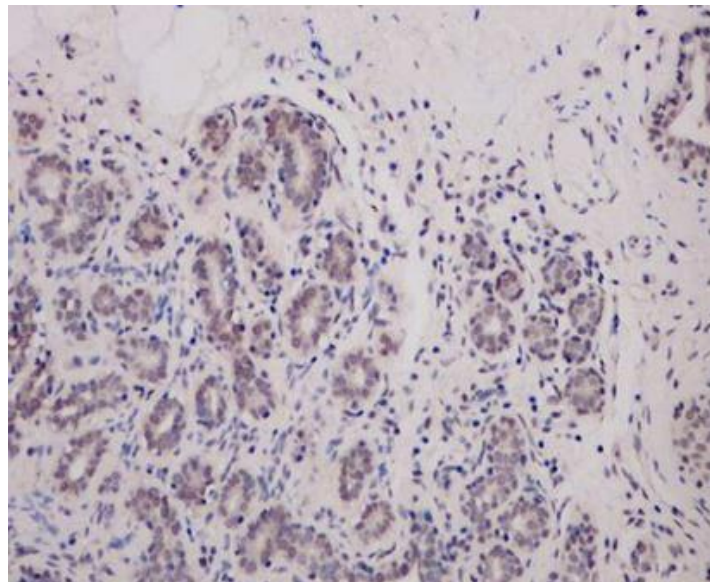
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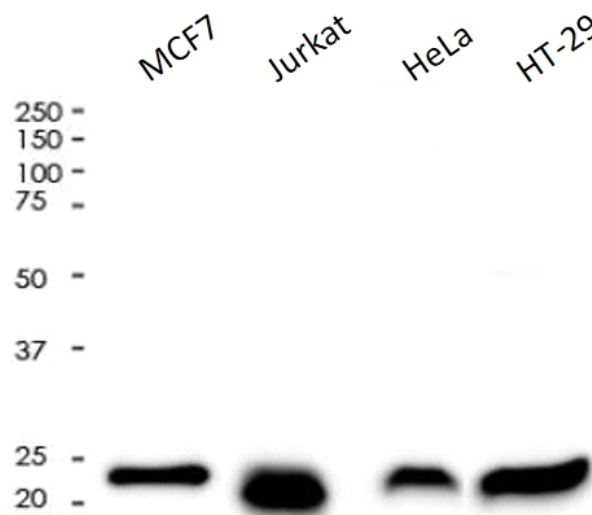
**Additional info**

Application note: IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.Background: Alkylating agents are potent carcinogens that can result in cell death, mutation and cancer. MGMT is a DNA repair protein that is involved in cellular defense against mutagenesis and toxicity from alkylating agents. The protein catalyzes transfer of methyl groups from O(6)-alkylguanine and other methylated moieties of the DNA to its own molecule, which repairs the toxic lesions. Methylation of the genes promoter has been associated with several cancer types, including colorectal cancer, lung cancer, lymphoma and glioblastoma. [provided by RefSeq, Sep 2015]

Images



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast tissue stained with anti-MGMT antibody [SQab1861] at 1:200 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0.



Western blot: 20 µg of MCF7, Jurkat, HeLa and HT-29 cell lysates stained with anti-MGMT antibody [SQab1861] at 1:5000 dilution.

References

1. -
2. -
3. -
4. -
5. -

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