

Rabbit anti-MSH6 antibody, clone SQab1720 (monoclonal)

Clone no. SQab1720

MONOSAN

Product name	Rabbit anti-MSH6 antibody, clone SQab1720 (monoclonal)
Host	Rabbit
Applications	FC, ICC/IF, IHC-P, IP, WB
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide around the N-terminus of MSH6.
Isotype	-
Clonality	Monoclonal
Clone number	SQab1720
Size	100 ul
Concentration	n/a
Format	Affinity purification with immunogen.
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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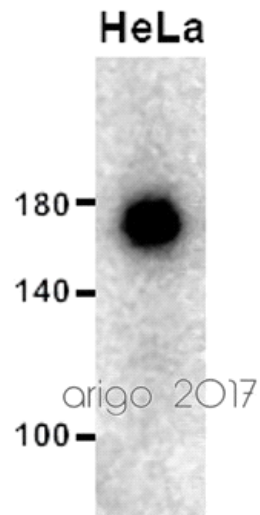
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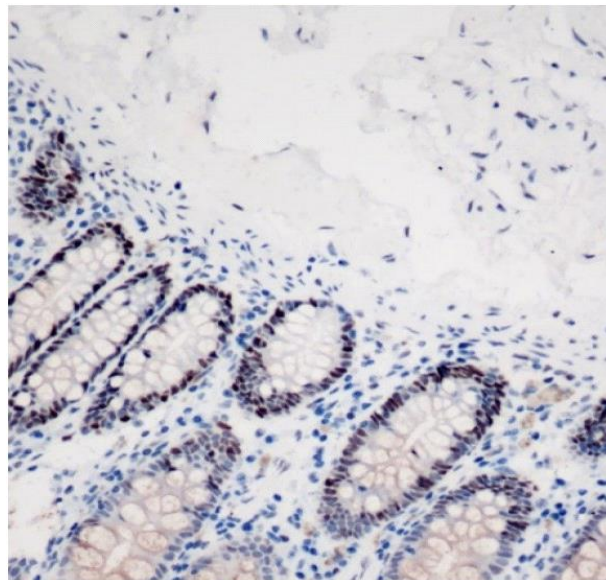
Additional info

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: MSH6 is a member of the DNA mismatch repair MutS family. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein heterodimerizes with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and endometrial cancer. Transcripts variants encoding different isoforms have been described. [provided by RefSeq, Jul 2013]

Images



Western blot: 30 µg of HeLa cell lysate stained with anti-MSH6 antibody [SQab1720] at 1:500 dilution.



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon tissue stained with anti-MSH6 antibody [SQab1720] at 1:500 dilution.

References

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

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