

For Research Use Only

MSH6 Monoclonal antibody

Catalog Number: 66172-2-Ig



Basic Information

Catalog Number: 66172-2-Ig	GenBank Accession Number: BC004246	Purification Method: Protein G purification
Size: 1000 ug/ml	GeneID (NCBI): 2956	CloneNo.: 5B5A7
Source: Mouse	UNIPROT ID: P52701	Recommended Dilutions: IHC 1:1000-1:4000
Isotype: IgG1	Full Name: mutS homolog 6 (E. coli)	
Immunogen Catalog Number: AG12645	Calculated MW: 153 kDa	
	Observed MW: 150-160 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human colon cancer tissue, human colon tissue, human tonsillitis tissue

Background Information

MSH6, also named as DNA mismatch repair protein Msh6 or GTMBP, is a 1360 amino acid protein, which contains one PWWP domain and belongs to the DNA mismatch repair MutS family. MSH6 localizes in the nucleus and is a component of the post-replicative DNA mismatch repair system. Msh2 and Msh6 form a protein complex required to repair mismatches generated during DNA replication.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

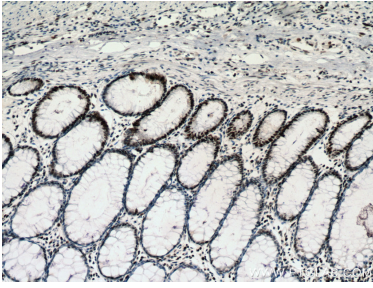
T: 4006900926

E: Proteintech-CN@ptglab.com

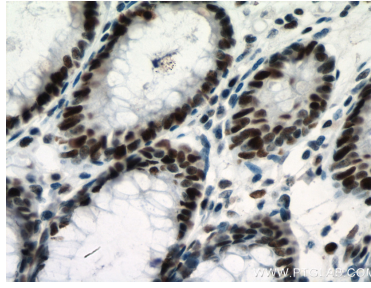
W: ptgcn.com

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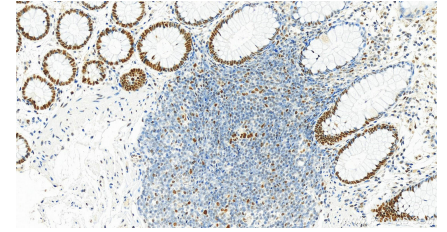
Selected Validation Data



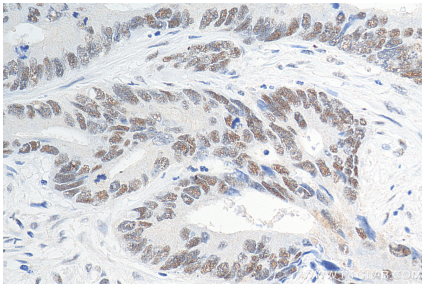
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66172-2-Ig (MSH6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66172-2-Ig (MSH6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 66172-2-Ig (MSH6 antibody) at dilution of 1:4000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66172-2-Ig (MSH6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66172-2-Ig (MSH6 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).