

Product Datasheet

Recombinant MSH6 Antibody (orb2635597)

Catalog Number	orb2635597
Description	The finding that mutations in DNA mismatch repair genes are associated with hereditary nonpolyposis colorectal cancer (HNPCC) has resulted in considerable interest in the understanding of the mechanism of DNA mismatch repair. Initially, inherited mutations in the MSH2 and MLH1 homologs of the bacterial DNA mismatch repair genes mutS and mutL were demonstrated at high frequency in HNPCC and were shown to be associated with microsatellite instability. A member of the mismatch repair family, GTBP (also designated MSH6), is an MSH2-related protein that binds to DNA containing G/T mismatches. Findings suggest that the mismatch-binding factor in human cells is composed of a heterodimer of GTBP and MSH2.
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	A portion of amino acids 374-540 was used as the immunogen for the recombinant MSH6 antibody.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Optimal dilution of the recombinant MSH6 antibody should be determined by the researcher.
Formula	1 mg/ml in 1X PBS; BSA free, sodium azide free
Isotype	Rabbit IgG
Clonality	Recombinant

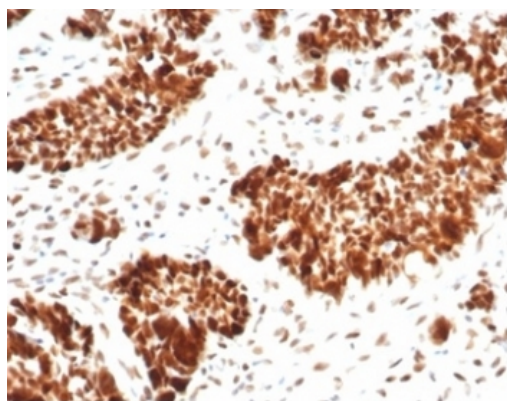
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

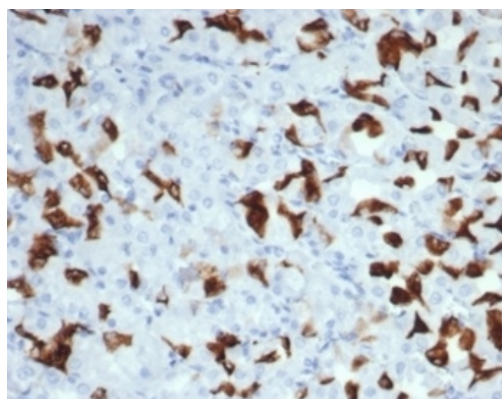
Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Clone Number	MSH6/7065R
Antibody Type	Primary Antibody
Uniprot ID	P52701
Hazard Information	This recombinant MSH6 antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human ovarian carcinoma tissue with recombinant MSH6 antibody (clone MSH6/7065R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



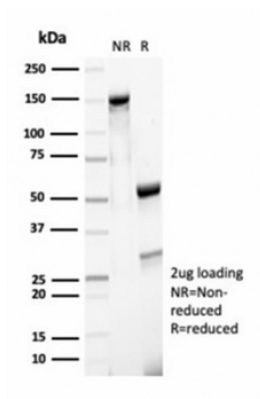
IHC staining of FFPE human salivary gland tissue with recombinant MSH6 antibody (clone MSH6/7065R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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SDS-PAGE analysis of purified, BSA-free recombinant MSH6 antibody (clone MSH6/7065R) as confirmation of integrity and purity.

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