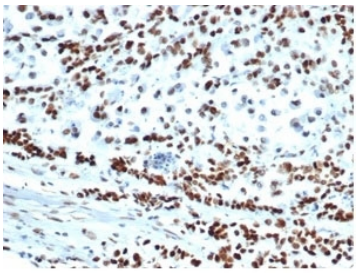
Recombinant MSH6 Antibody [clone MSH6/6654R] (V9182)

Catalog No.	Formulation	Size
V9182-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9182-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9182SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

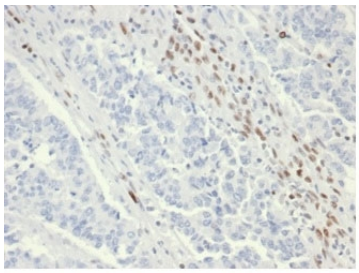
Recombinant RABBIT MONOCLONAL

Bulk quote request

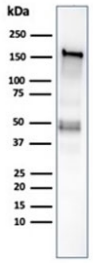
Availability	1-3 business days
Species Reactivity	Human, Dog, Cat
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	MSH6/6654R
Purity	Protein A/G affinity
UniProt	P52701
Localization	Nuclear
Applications	ELISA (order BSA-free format for coating) Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant MSH6 antibody is available for research use only.



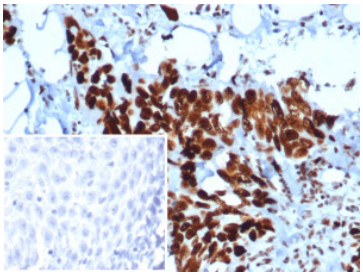
IHC staining of FFPE human colon carcinoma tissue with recombinant MSH6 antibody (clone MSH6/6654R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



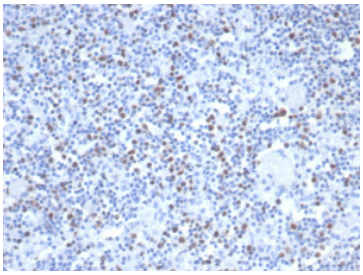
IHC staining of FFPE human colon tissue from a patient with Lynch syndrome using recombinant MSH6 antibody (clone MSH6/6654R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



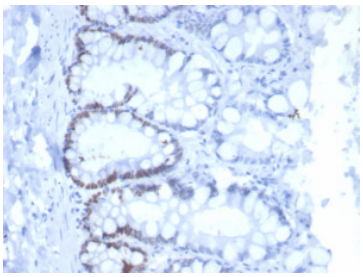
Western blot analysis of human HCT-116 cell lysate using recombinant MSH6 antibody (clone MSH6/6654R). Expected molecular weight: 120-160 kDa depending on phosphorylation level.



Recombinant MSH6 Antibody MSH6/6654R in Human Esophagus IHC. Immunohistochemistry testing of Recombinant MSH6 Antibody, clone MSH6/6654R, in FFPE human esophagus tissue. Strong nuclear staining is observed in epithelial cells, consistent with the nuclear localization of MSH6. The inset shows a secondary-only negative control in which PBS was substituted for the primary antibody, demonstrating minimal background staining under the tested conditions.



Recombinant MSH6 Antibody MSH6/6654R in Dog Lymph Node IHC. Immunohistochemistry testing of Recombinant MSH6 Antibody, clone MSH6/6654R, in FFPE dog lymph node tissue. Heat-induced epitope retrieval was performed in Tris/EDTA buffer, pH 9.0, for 45 min. An HRP-polymer secondary detection system was applied for 30 min followed by DAB for 5 min. Nuclear staining is observed in a subset of lymphoid cells, consistent with the nuclear localization of MSH6.



Recombinant MSH6 Antibody MSH6/6654R in Cat Colon IHC. Immunohistochemistry testing of Recombinant MSH6 Antibody, clone MSH6/6654R, in FFPE cat colon tissue. Heat-induced epitope retrieval was performed in Tris/EDTA buffer, pH 9.0, for 45 min. An HRP-polymer secondary detection system was applied for 30 min followed by DAB for 5 min. Nuclear staining is observed in colonic epithelial cells, consistent with the nuclear localization of MSH6.

Description

MSH6 is a mismatch repair protein which is deficient in a high proportion of patients with microsatellite instability (MSI-H).

For a protein microarray-validated reagent and additional information on mismatch repair and genomic stability, visit our MSH6 Antibody / DNA Mismatch Repair Protein Antibody page.

Application Notes

Optimal dilution of the recombinant MSH6 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-100 was used as the immunogen for the recombinant MSH6 antibody.

Storage

Aliquot the recombinant MSH6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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