

MSH2 RABBIT PAB

Cat.#: S221854

Product Name: Anti-MSH2 Rabbit Polyclonal Antibody

Synonyms: FCC1; COCA1; HNPCC; LCFS2; HNPCC1

UNIPROT ID: P43246 (Gene Accession - NP_000242)

Background: This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human MSH2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

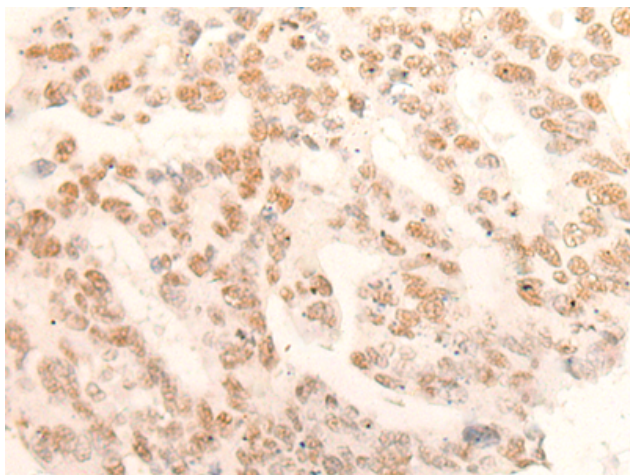
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

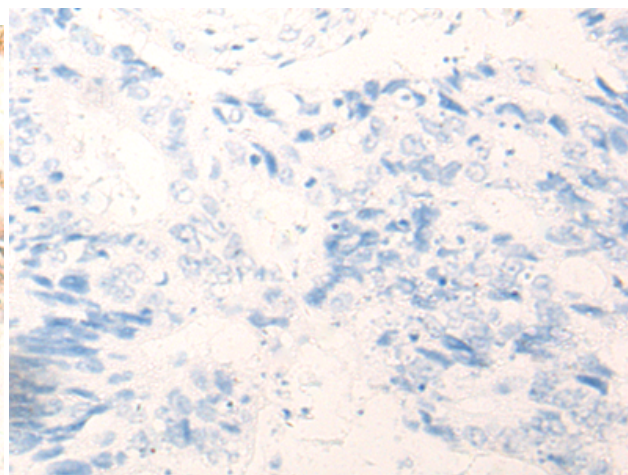
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cancer

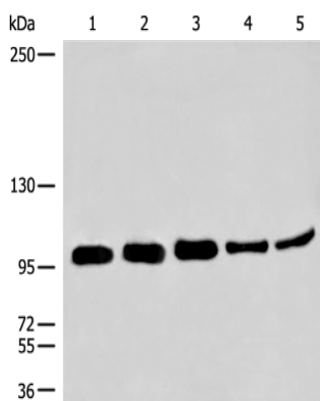
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 221854 (MSH2 Antibody) at a dilution of 1/20 (Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 221854 (Anti-MSH2 Antibody) at dilution 1/20.



Gel: 6% SDS-PAGE, Lysate: 40 μ g;
Lane 1-5: HEPG2, 293T, SKOV3, HeLa and A172 cell lysates;
Primary antibody: 221854 (MSH2 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds