

MSH2 Monoclonal antibody

Cat:B32113R

Company: Haokebio

Uniprot ID:P43246

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

MSH2 is a 105 kDa nuclear antigen that encodes a protein consisting of 934 amino acids. MSH2 is a mismatch repair gene in the DNA mismatch repair system—a cellular safeguard mechanism in human cells that repairs DNA base mismatches, composed of a series of enzymes that specifically repair DNA base mismatches. Mutations in the MSH2 gene occur in sporadic colon cancer, and MSH2 mutations are associated with 50% of cases of hereditary nonpolyposis colorectal cancer (HNPCC). MSH2 is commonly used for the immunohistochemical screening of Lynch syndrome.

Protein full name:

mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)

Synonyms:

MSH 2, 604

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

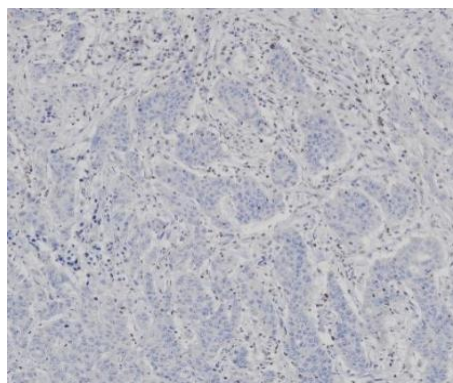
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human colon cancer tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:MSH2(B32113R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.