

Mouse anti-Human MSH2 Monoclonal Antibody | anti-MSH2 antibody

MSH2 (BSB-147)

CATALOG # AAA59366	HOST Mouse	REACTIVITY Human
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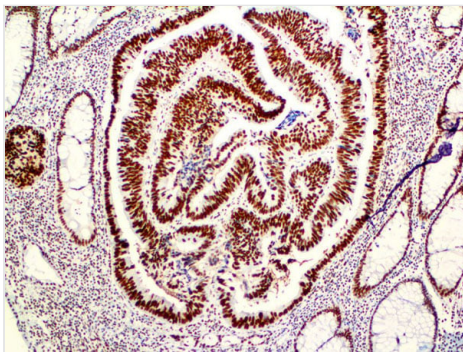
PRODUCT SYNONYMS

MSH2; Monoclonal Antibody; MSH2 (BSB-147); COCA1; DNA mismatch repair protein Msh2; FCC1; hMSH2; HNPCC; HNPCC1; homolog 2 colon cancer nonpolyposis type 1 E coli; MutS protein homolog 2; msh-2; anti-msh2; anti-msh-2; anti msh2; anti msh-2; anti msh 2; anti-MSH2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BSB-147
Form/Format	Paraffin, Frozen MSH2 antibody is a mouse monoclonal antibody for immunohistochemistry derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservativ
Immunogen	Recombinant Human MSH2 Protein.
Control	Colon, Skin, Breast, Tonsil, Fallopian Tube, Colon Carcinoma
Localization	Nuclear
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohiostchemistry)

MSH2 Antibody Immunohistochemistry on a FFPE Colon Carcinoma Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-MSH2 antibody	MSH2 is a mouse monoclonal antibody for immunohistochemistry from Bio SB. MSH2 is a mismatch repair gene commonly associated with Hereditary Non-Polyposis Colorectal Cancer (HNPCC). This gene was identified as a locus frequently mutated in HNPCC. When cloned, it is a human homolog of the E. coli DNA mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. MSH2 antibody expression is abnormally deficient in a high proportion of patients with microsatellite instability (MSI-H). This finding is associated with the autosomal dominant condition found in Hereditary Non-Polyposis Colon Cancer. This MSH2 antibody (along with MLH1 antibody) is useful in screening patients and families for this rare condition. Colon cancers that are microsatellite unstable have a better prognosis than their microsatellite stable counterparts.
References	1. Intestinal Research: "Topographic, histological and molecular study of aberrant crypt foci identified in human colon in different clinical groups"

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/msh2-antibody-clone-bsb-147-elisa/59366>