

Product Name: MSH6 Mouse Monoclonal Antibody**Catalog #: AMM80637**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	/

Antigen Information

Gene Name	MSH6
Alternative Names	GTBP; HSAP; HNPCC5
Gene ID	2956.0
SwissProt ID	P52701
Immunogen	Purified recombinant fragment of MSH6 expressed in E. Coli.

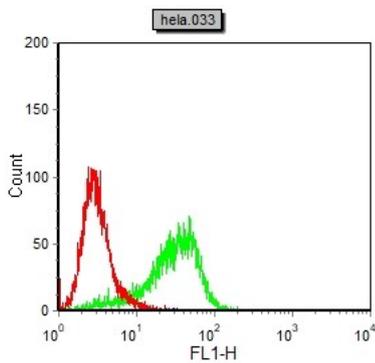
Background

Defects in MSH6 are a cause of hereditary non-polyposis colorectal cancer (HNPCC) (Lynch syndrome). HNPCC is an autosomal, dominantly inherited disease associated with marked increase in cancer susceptibility. It is characterized by a familial predisposition to early onset colorectal carcinoma (crc) and extra-colonic cancers of the gastrointestinal, urological and female

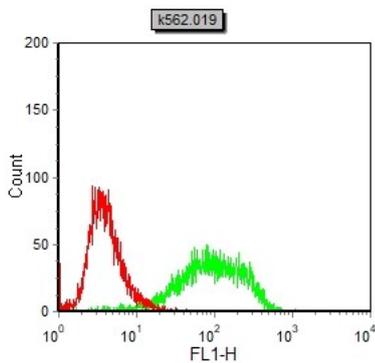
reproductive tracts. HNPCC is reported to be the most common form of inherited colorectal cancer in the western world. MSH6 is central to mismatch DNA repair.

Research Area

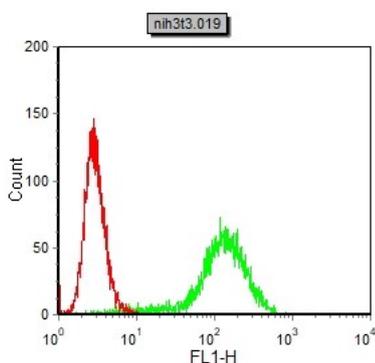
Image Data



Flow cytometric analysis of hela cells using MSH6 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using MSH6 mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH3T3 cells using MSH6 mouse mAb (green) and negative control (red).