



Rabbit Anti-Human MSH2 monoclonal antibody, clone TQ57 (CABT-L1485)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	MSH2
Immunogen	Synthetic peptide corresponding to internal region of human MSH2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ57
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	FC, IHC-P
Positive Control	A suggested positive control is colon carcinoma.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction

MSH2 is involved in DNA repair as a mismatch repair protein, and mutations of MSH2 are found in approximately 50% of inherited non polyposis colorectal carcinoma (HNPCC) (Lynch syndrome) cases. 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 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.

GENE INFORMATION

Entrez Gene ID	4436
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UniProt ID	P43246
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