



# Rabbit Anti-Human MSH6 monoclonal antibody, clone TQ04 (CABT-L1486)

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

## PRODUCT INFORMATION

Target	MSH6
Immunogen	Synthetic peptide corresponding to internal region of human MSH6 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ04
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Positive Control	A suggested positive control is rectal carcinoma.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

## BACKGROUND

## Introduction

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.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">2956</a>
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UniProt ID	<a href="#">P52701</a>
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