

## Product datasheet for **TA355274**

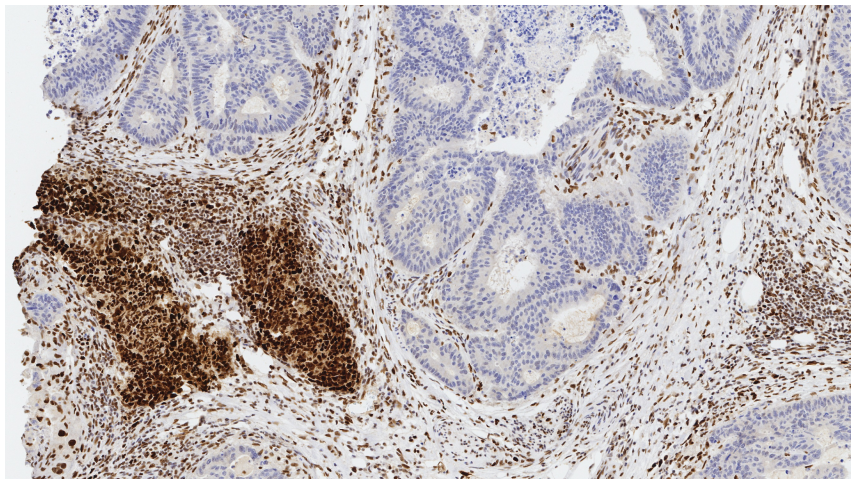
### MSH2 Mouse Monoclonal Antibody [Clone ID: 79H11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	79H11
Applications:	IHC
Recommended Dilution:	1:80
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to a 304 amino acid region of the N-terminus of the human MSH2 molecule
Specificity:	Human MSH2
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	mutS homolog 2
Database Link:	<a href="#">Entrez Gene 4436 Human P43246</a>
Background:	Human mismatch repair protein 2 (MSH2) is involved in the initial recognition of mismatched nucleotides during the post replication mismatch repair process. Therefore, the loss of MSH2 function leads to the accumulation of replication errors, which in turn may be responsible for the multiple mutations required for multistage carcinogenesis. MSH2 is reported to be expressed in the nuclei of cells from a variety of tissues including thyroid, heart, smooth muscle and the germinal centers of lymphoid follicles. In ileum and colon, MSH2 expression has been reported in the crypts, the cells which are undergoing rapid renewal. They are responsible for the continuous production of differentiated cells which migrate over 2 to 4 days before being sloughed into the lumen.
Synonyms:	COCA1; FCC1; HNPCC; HNPCC1; LCFS2



[View online »](#)

**Product images:**

Colorectal carcinoma: immunohistochemical staining for mismatch repair protein (MSH2). Mismatch Repair Protein (MSH2): clone 79H11.