

## 44-1044: Anti-MSH2 Monoclonal Antibody (Clone:IHC410)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC410
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	MSH2
<b>Gene ID :</b>	4436
<b>Uniprot ID :</b>	P43246
<b>Format :</b>	Purified
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Recombinant Human MSH2

### Description

"MutS Homolog 2 (MSH2) is a protein involved in the mismatch-repair pathway. This protein is commonly associated with hereditary non-polyposis colorectal cancer, and mutations in this gene are correlated with the development of sporadic colorectal carcinoma. Expression levels of MSH2 are abnormally low in a high percentage of patients with microsatellite instability, as well as endometrial and ovarian cancers. Use of Anti-MSH2 is optimized when paired in an IHC panel with antibodies against MSH6, MLH1, and PMS2. Reports have shown Anti-MSH2 to be useful in the detection of the protein in a number of normal and neoplastic tissues, and for identifying a loss of MSH2 in tumors that are microsatellite-unstable."

### Product Info

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	Store at 2°C - 8°C. Do not freeze.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

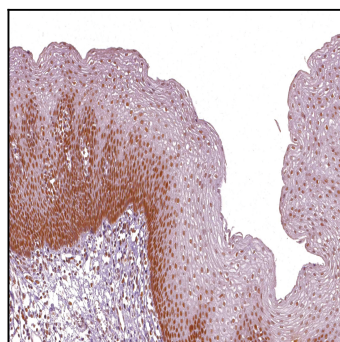


Figure 1: Immunohistochemical analysis of MSH2 (Clone: IHC410) on Esophagus