

MSH2 Antibody

Catalog No: #P1030

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

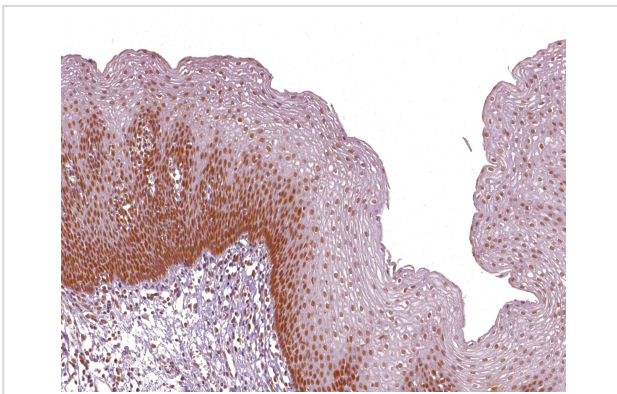
Product Name	MSH2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC410
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

Application Details

Recommended

working dilution range:1:100 - 1:200

Images



MSH2 (P1030) on Esophagus

Product 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.

References

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 Hoedema R, et al. *Am Surg*. 2003; 69:387-92.

Christensen M, et al. Cancer. 2002; 95:2422-30.

Wahlberg SS, et al. Cancer Res. 2002; 62:3485-92.

Lanza G, et al. Mod Pathol. 2002; 15:741-9.

Thibodeau SN, et al. Cancer Res 1996; 56:4836-40.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.