

MSH2 Antibody

Catalog No: #P1030

Package Size: #P1030 0.1m



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

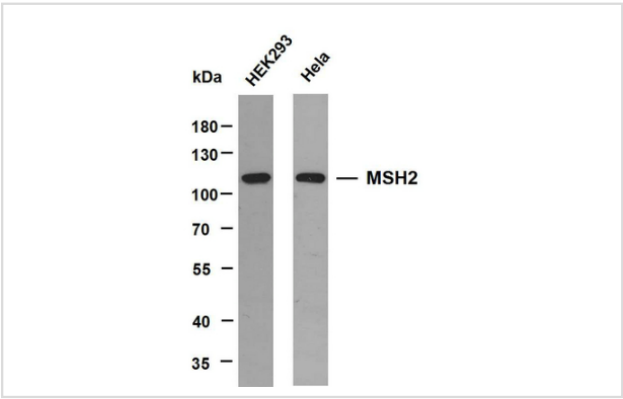
Description

Product Name	MSH2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC510
Isotype	IgG1, kappa
Applications	IHC
Species Reactivity	Human
Accession No.	P43246
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

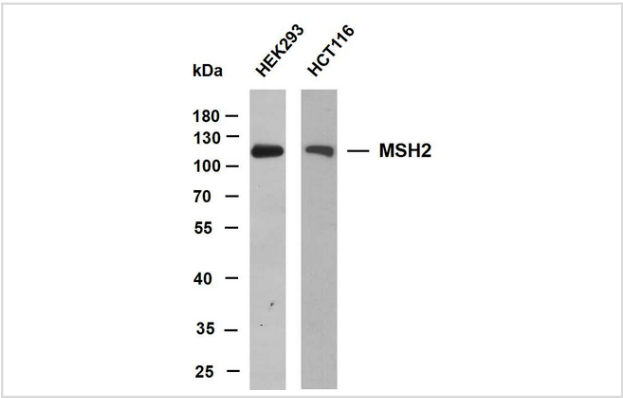
Application Details

Recommended working dilution range:1:100 - 1:200

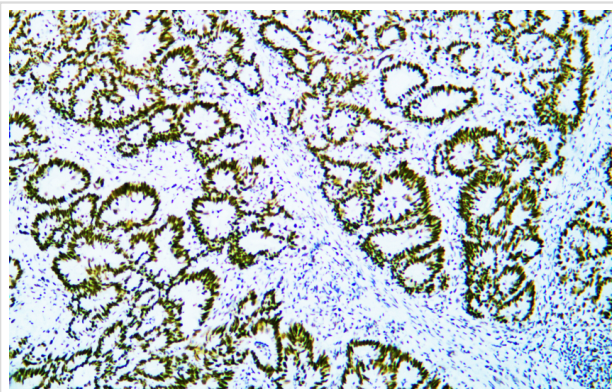
Images



Various whole cell lysatesoO Lane 1: HEK293 Lane 2: HeLaO were separated by 8% SDS-PAGE



Various whole cell lysates(1: HEK293 Lane 2: HCT116)were separated by 10% SDS-PAGE.



Human colon carcinoma with msh2 expression tissue

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

Pal T, et al. Cancer. 2008; 113:733-42.Brueckl WM, et al. Anticancer Res. 2003; 23:1773-8.Rigau V, et al. Arch Pathol Lab Med. 2003; 127:694-700.Renkonen E, et al. J Clin Oncol. 2003; 21:3629-37.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.