antibodies -online.com







anti-MSH6 antibody (AA 374-540)



Images



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Quantity:	0.1 mg
Target:	MSH6
Binding Specificity:	AA 374-540
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MSH6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human MSH6 (AA: 374-540) expressed in E. coli.
Clone:	7D9H5
Isotype:	lgG2b
Purification:	purified

Target Details

Target:	MSH6
Alternative Name:	MSH6 (MSH6 Products)
Background:	Description: This gene encodes a member of the DNA mismatch repair MutS family. In E. coli,

the MutS protein helps in the recognition of mismatched nucleotides prior to their repair. A
highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide
binding motif, exists in MutS homologs. The encoded protein heterodimerizes with MSH2 to
form a mismatch recognition complex that functions as a bidirectional molecular switch that
exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this
gene may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and
endometrial cancer. Transcripts variants encoding different isoforms have been described.
Aliases: GTBP, HSAP, p160, GTMBP, HNPCC5

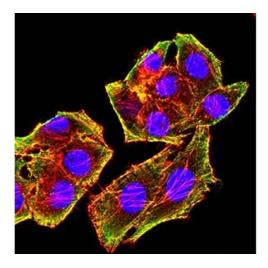
Molecular Weight:	152.8 kDa
Gene ID:	2956
Pathways:	DNA Damage Repair, Chromatin Binding, Production of Molecular Mediator of Immune
	Response

Application Details

Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, ICC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
Restrictions:	For Research Use only

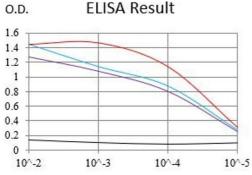
Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



Immunofluorescence

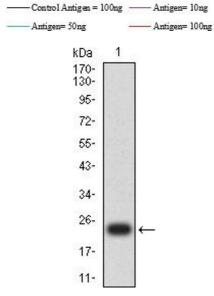
Image 1. Immunofluorescence analysis of Hela cells using MSH6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Serial Dilutions of Antibody



Western Blotting

Image 3. Western blot analysis using MSH6 mAb against human MSH6 (AA: 374-540) recombinant protein. (Expected MW is 22.6 kDa)

Please check the product details page for more images. Overall 8 images are available for ABIN7193706.