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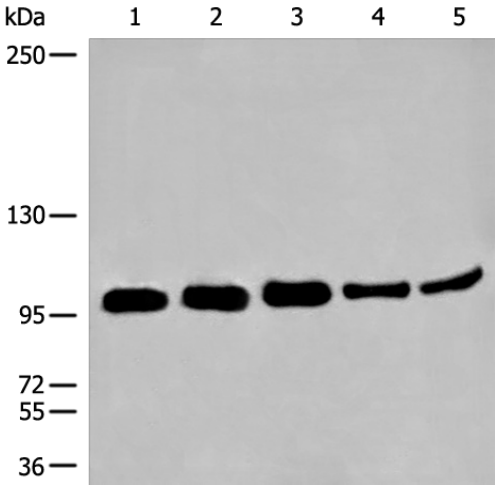
Product datasheet for TA372365S

MSH2 Rabbit Polyclonal Antibody

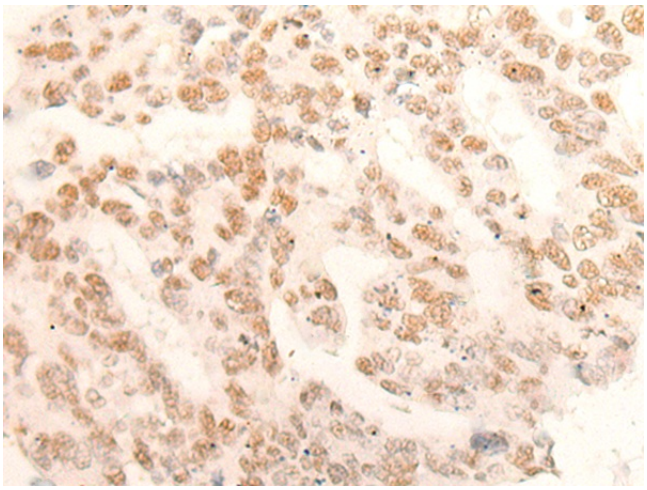
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: HEPG2□293T□SKOV3□Hela and A172 cell lysates IHC: 20-100 Positive control: Human colorectal cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MSH2
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	105 kDa
Gene Name:	mutS homolog 2
Database Link:	Entrez Gene 4436 Human P43246
Background:	This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.
Synonyms:	COCA1; FCC1; HNPCC; HNPCC1; LCFS2

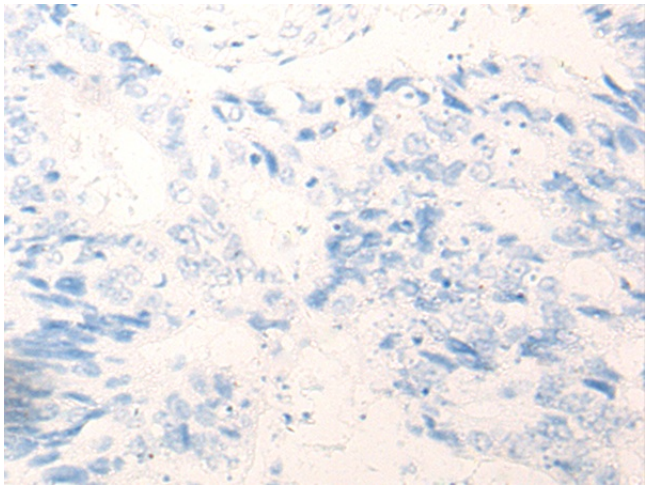
Product images:



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-5: HEPG2
293T
SKOV3
Hela and A172 cell lysates
Primary antibody: [TA372365] (MSH2 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA372365] (MSH2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA372365] (MSH2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)