

Product datasheet for **TA399827**

MSH6 Rabbit Monoclonal Antibody [Clone ID: ABM58060-20A2-PU]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ABM58060-20A2-PU
Applications:	ELISA, IHC, WB
Reactivity:	Human
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing BALB/c mice with recombinant human MSH6 protein.
Specificity:	<p>This antibody binds human DNA mismatch repair protein MSH6. MSH6 forms a heterodimer with MSH2 to make the human MutSα mismatch repair complex and initiates DNA repair. The DNA mismatch repair system (MMR) is composed of enzyme molecules that specifically repair DNA base mismatches. Defects in expression of MSH6 are often associated with hereditary non-polyposis colorectal cancer (HNPCC).</p> <p>The binding specificity of this antibody for human MSH6 was determined using ELISA. This antibody was capable of detecting recombinant MSH6 in a western blot. This antibody was also used in the immunohistochemical analysis of colon cancer, bladder cancer and testicular tissues. This antibody shows similar staining of MSH6 protein compared to the commercially available antibody 44 (CN111454365).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	P52701



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Synonyms:

44; DNA mismatch repair protein Msh6; G/T mismatch-binding protein; GMCC NO.17492; GTBP; GTMBP; hMSH6; MutS-alpha 160 kDa subunitC; MutS protein homolog 6; p160