

Product datasheet for **TA355317**

MSH6 Mouse Monoclonal Antibody [Clone ID: PU29]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PU29
Applications:	IHC
Recommended Dilution:	1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to a 359 amino acid portion of the MSH6 human molecule
Specificity:	Human mismatch repair protein 6
Formulation:	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	mutS homolog 6
Database Link:	Entrez Gene 2956 Human P52701
Background:	MSH6 is a 160 kD protein which is involved in DNA mismatch repair (MMR) and recombination pathways, when heterodimerized with MSH2. Defects in mismatch repair systems can cause mutations and can cause DNA microsatellite sequences to become unstable. Immunohistochemical studies have reported that MSH6 is strongly expressed in the nucleus of cells in normal colonic epithelium, especially in crypts. Expression is also found in lymphocytes. Studies have also shown that MSH6 is expressed in gastric carcinomas and endometrial carcinomas. However, sometimes expression can be lost in some endometrial carcinomas and colonic carcinomas with microsatellite instability.
Synonyms:	GTBP; GTMBP; HNPCC5; HSAP; p160



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Product images:

