

Rev04
Update: Oct,19,2022**DATASHEET**

MonoRab™ Human MSH6 Antibody (X129), mAb, Rabbit

Cat. No.: A02011

Overview

Specificity	The product is specific for MSH6.
Host Species	Rabbit
Immunogen	Recombinant human MSH6 protein fragment
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

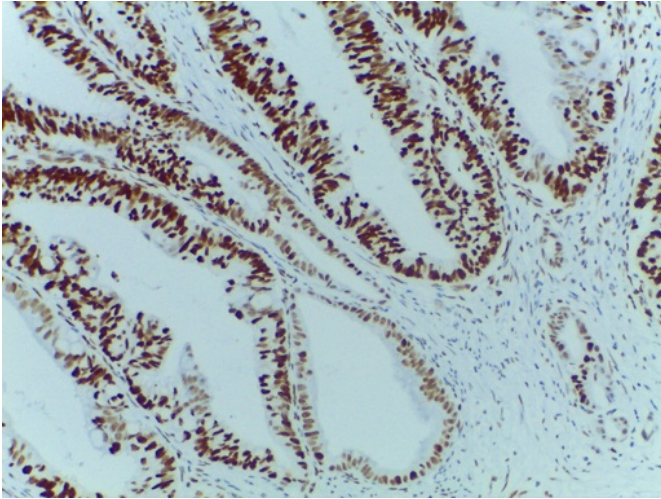
Application	Recommended Usage
Immunohistochemistry (IHC)	1-5 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.2, containing 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A or G affinity column
Isotype	Rabbit IgG

Clonality	Monoclonal
Clone ID	X129
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Examples



Immunohistochemistry analysis of human colorectal cancer tissue slide (Paraffin embedded) using MonoRab™ Human MSH6 Antibody (X129), mAb, Rabbit (GenScript, Cat. No. A02011-40).

Background

Target Background : MSH6 belongs to the Mutator S (MutS) family of proteins. It contains the Walker-A/B adenine nucleotide binding motif. MSH6 has an intrinsic ATPase activity. It is involved in DNA damage repair. It functions exclusively when bound to hMSH2 as a heterodimer. It is reported that mutations in hMSH2 was associated with cancer. GenScript MonoRab™ Human MSH6 Antibody (X129), mAb, Rabbit is produced from cell culture in vitro under conditions free from animal-derived components.

Synonyms : Rabbit monoclonal to mutS homolog 6/GTBP/G™BP/HNPCC5/HSAP/p160

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.