

Product datasheet

Anti-MSH3 antibody [EPR4334(2)] ab111107

リコンビナント RabMAb®

画像数 3

製品の概要

製品名	Anti-MSH3 antibody [EPR4334(2)]
製品の詳細	Rabbit monoclonal [EPR4334(2)] to MSH3
アプリケーション	適用あり: IHC-P, ICC/IF 適用なし: WB
種交差性	交差種: Human
免疫原	A synthetic peptide corresponding to residues in Human MSH3.
ポジティブ・コントロール	Human colon adenocarcinoma and tonsil tissues; SW480 cells.
特記事項	Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents This product is a recombinant rabbit monoclonal antibody.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, 0.05% BSA
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR4334(2)
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab111107** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーション	Abreviews	特記事項
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.
ICC/IF		1/250 - 1/500.

追加情報 Is unsuitable for WB.

ターゲット情報

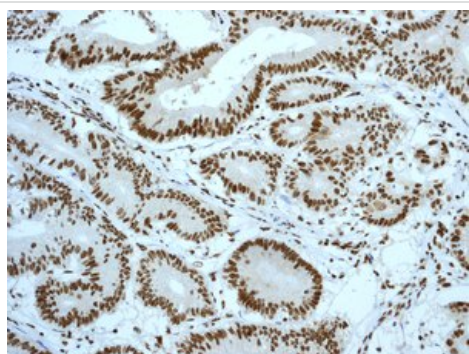
機能 Component of the post-replicative DNA mismatch repair system (MMR). Heterodimerizes with MSH2 to form MutS beta which binds to DNA mismatches thereby initiating DNA repair. When bound, the MutS beta heterodimer bends the DNA helix and shields approximately 20 base pairs. MutS beta recognizes large insertion-deletion loops (IDL) up to 13 nucleotides long. After mismatch binding, forms a ternary complex with the MutL alpha heterodimer, which is thought to be responsible for directing the downstream MMR events, including strand discrimination, excision, and resynthesis.

関連疾患 Defects in MSH3 are a cause of susceptibility to endometrial cancer (ENDMC) [MIM:608089].

配列類似性 Belongs to the DNA mismatch repair mutS family. MSH3 subfamily.

翻訳後修飾 Phosphorylated upon DNA damage, probably by ATM or ATR.

画像



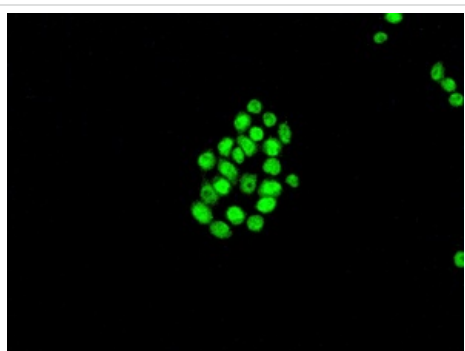
ab111107 at 1/500 dilution staining MSH3 in Paraffin-embedded Human colon adenocarcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - MSH3 antibody [EPR4334(2)] (ab111107)



ab111107 at 1/500 dilution staining MSH3 in Paraffin-embedded Human Tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - MSH3 antibody [EPR4334(2)] (ab111107)



ab111107 at 1/250 dilution staining MSH3 in SW480 cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - MSH3 antibody [EPR4334(2)] (ab111107)

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