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anti-MSH3 antibody (AA 651-750) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	MSH3	
Binding Specificity:	AA 651-750	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MSH3 antibody is conjugated to AbBy Fluor® 350	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MSH3	
Isotype:	IgG	
Predicted Reactivity:	ed Reactivity: Human,Mouse,Rat,Dog,Cow,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	MSH3	
Alternative Name:	MSH3 (MSH3 Products)	
Background:	Synonyms: Divergent upstream protein, DNA mismatch repair protein, DNA mismatch repair	

protein Msh 3, DNA mismatch repair protein Msh3, DUC 1, DUC1, DUG, DUP, hMSH3, Mismatch		
repair protein 1, MRP 1, MRP1, MSH 3, MSH-3, MSH3_HUMAN, MutS homolog 3.		
Background: 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.		

Gene ID: 4437

Pathways: DNA Damage Repair, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	