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Datasheet for ABIN334438 **anti-MSH4 antibody (Internal Region)**

Overview

Quantity:	100 µg
Target:	MSH4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MSH4 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	MSH4 (internal)
Immunogen:	Peptide with sequence C-ETNSSTFMKEMKE, from the internal region of the protein sequence according to NP_002431.2.
Sequence:	ETNSSTFMKE MKE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	MSH4
Alternative Name:	MSH4 (MSH4 Products)
Background:	MSH4, mutS homolog 4 (E. coli), RP11-262K24.2, mutS homolog 4
Gene ID:	4438, 55993
NCBI Accession:	NP_002431

Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 60 kDa and 35 kDa in Human Testis, Ovary and Uterus lysates and in Mouse and Rat Testis lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the lit Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.