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Datasheet for ABIN335148
anti-MSH5 antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	MSH5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MSH5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	MSH5
Immunogen:	Peptide with sequence GDLHCEIRDQET, from the internal region of the protein sequence according to NP_079535.3 , NP_751897.1, NP_002432.1.
Sequence:	GDLHCEIRDQ ET
Isotype:	IgG
Specificity:	This antibody is expected to recognise three reported isoforms (NP_079535.3 , NP_751897.1, NP_002432.1), Reported variants NP_751898.1 and NP_002432.1 represent identical protein.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: MSH5

Alternative Name: MSH5 ([MSH5 Products](#))

Background: MSH5, mutS homolog 5 (E. coli) , XXbac-BCX40G17.5, DKFZp434C1615, G7N: MGC2939, MutSH5, NG23, mutS homolog 5

Gene ID: 4439, 17687, 294252

NCBI Accession: [NP_079535](#), [NP_751897](#), [NP_002432](#)

Pathways: [M Phase](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Testis and Thymus. Recommended concentration: 2.5-3.75 µg/mL.
Western Blot: Preliminary experiments gave an approx 38 kDa band in Human Testis, Tonsil and Thymus lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calc
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

Handling

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.