ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-MSH4 (internal) Antibody

Item Number	dAP-1371
Target Molecule	Principle Name: MSH4 (internal); Official Symbol: MSH4 ; All Names and Symbols: MSH4; mutS homolog 4 (E. coli); RP11-262K24.2; mutS homolog 4; Accession Number (s): NP_002431.2; Human Gene ID(s): 4438; Non-Human GeneID(s): 55993 (mouse)
Immunogen	ETNSSTFMKEMKE, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 60kDa and 35kDa in Human Testis, Ovary and Uterus lysates and in Mouse and Rat Testis lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the lit
IHC	
Reference	Reference(s): Neyton S, Lespinasse F, Lahaye F, Staccini P, Paquis-Flucklinger V, Santucci-Darmanin S. CRM1-dependent nuclear export and dimerization with hMSH5 contribute to the regulation of hMSH4 subcellular localization. Exp Cell Res. 2007 Oct 15;313(17):3680-93. Epub 2007 Aug 21..PMID: 17869244 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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