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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06351 - Goat Anti-MSH5 (C-term.) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: mutS homolog 5, G7, DKFZp434C1615, DAAP-21F2.10, mutS homolog 5 (E. coli), MGC2939, C6orf26, MutSH5, NG23, MSH5

Official Symbol: MSH5

Accession Number(s): NP_002432.1; NP_079535.4; NP_751897.1

Human GeneID(s): [4439](#)

Important Comments: This antibody is expected to recognise isoform a (NP_079535.4), isoform b (NP_751897.1) and isoform c (NP_002432.1). Reported variants represent identical protein (NP_002432.1; NP_751898.1).

Immunogen

Peptide with sequence C-MSQEVLPAAATSIL, from the C Terminus of the protein sequence according to NP_002432.1; NP_079535.4; NP_751897.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 140kDa band in Jurkat lysates at 0.1µg/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 96-98kDa according to NP_002432; NP_079535; NP_751897; NP_751898. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow