MSH2 Recombinant Monoclonal Antibody [BLR116H]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000242.1
Catalog No.	A700-116	Uniprot ID	P43246
Lot No.	4	GeneID	4436

APPLICATIONS WB, IP, IHC, ICC

SPECIES REACTIVITY Human

AMOUNT 100 µl

CONCENTRATION 250 µg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

CLONE # BLR116H

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 625 and 675 of human DNA mismatch repair protein Msh2 using the numbering given in entry NP_000242.1 (Gene ID 4436).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	20 µl/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

APPLICATION NOTES All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).

Western blots of immunoprecipitates are performed using an anti-Rabbit IgG Light Chain HRP-conjugated antibody with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

IHC HUMAN CONTROLS Colon Carcinoma, Lung Carcinoma, Prostate Carcinoma, Seminoma, A549 Cells, HCT 116 Cells, HeLa Cells, OVCAR-3 Cells, RT-4 Cells

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Date: September 11, 2026

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