# STING/TMEM173 Recombinant Monoclonal Antibody [BLR373N]

Rabbit Recombinant Monoclonal

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|---|---|---|---|
| Purified | | RefSeq ID | NP_938023.1 |
| Catalog No. | A700-373-T | Uniprot ID | Q86WV6 |
| Lot No. | 1 | GeneID | 340061 |

**APPLICATIONS** WB, IP, IHC, ICC

**SPECIES REACTIVITY** Human

**AMOUNT** 20 µl

**CONCENTRATION** 500 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 #** BLR373N

**ORIGIN** USA

**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 329 and the C-terminus (residue 379) of human Stimulator of interferon genes protein (STING, aka TMEM173) using the numbering given in entry NP_938023.1 (Gene ID 340061.

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

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|---|---|
| Western Blot | 1:1000 |
| Immunoprecipitation | 12 µl/mg lysate |
| Immunohistochemistry | 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |
| Immunocytochemistry | 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 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 Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

**IHC HUMAN CONTROLS** Lung Carcinoma, Ovarian Carcinoma, Placenta, Prostate Carcinoma, Tonsil, HDLM-2 Cells, MCF-10A Cells, OVCAR-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.
Michael Spencer, PhD Date: August 5, 2025



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