# STAT3-pY705 Recombinant Monoclonal Antibody [BLR231K]

Rabbit Recombinant Monoclonal

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|---|---|---|---|
| Purified | | RefSeq ID | NP_001356441.1 |
| Catalog No. | A700-231-T | Uniprot ID | P40763 |
| Lot No. | A700-231-T-1 | GeneID | 6774 |

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

**SPECIES REACTIVITY** Human, Mouse

**AMOUNT** 20 µl

**CONCENTRATION** 500 µg/ml

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

**PHYSICAL STATE** Liquid

**BUFFER** Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide

**ISOTYPE** IgG

**CLONE #** BLR231K

**ORIGIN** USA

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

Immunogen was a peptide surrounding phosphorylated Tyrosine 705 of human Signal transducer and activator of transcription 3 (STAT3) using the numbering given in entry NP_001356441.1 (Gene ID 6774).

**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 | 1:1,000 |
| Immunoprecipitation | 12 µl/1 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. |

**IHC HUMAN CONTROLS** Bladder Carcinoma, Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, HUVEC-C Cells, LNCap Cells, MDA-MB-231 Cells, OVCAR-3 Cells

**IHC MOUSE CONTROLS** Gut, Plasmacytoma

**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: October 3, 2022



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