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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

STAT3–pY205 Recombinant Monoclonal Antibody [BLR231K]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_001356441.1
Catalog No.	A700–231	Uniprot ID	P40763
Lot No.	A700–231–1	GeneID	6774

APPLICATIONS WB, IP, IHC, ICC

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl (50+ tests)

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 205 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.

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.

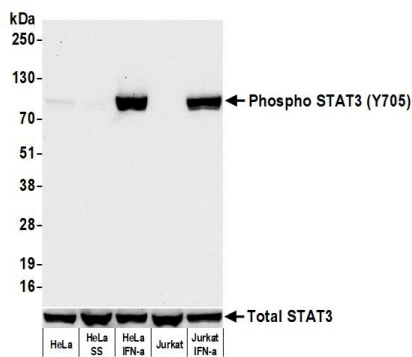
IHC HUMAN CONTROLS Bladder Carcinoma, Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, HUVEC–C Cells, LNCap Cells, MDA–MB–231 Cells, OVCAR–3 Cells

IHC MOUSE CONTROLS Gut, Plasmacytoma

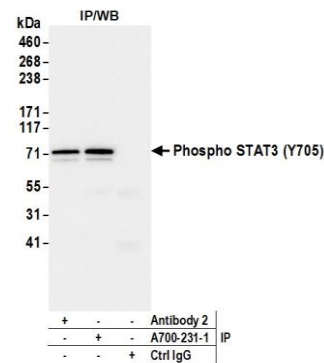
ADDITIONAL INFO <https://www.fortislife.com/p/A700–231>

Use the link above to view SDS, a current list of citations, and other product specific information.

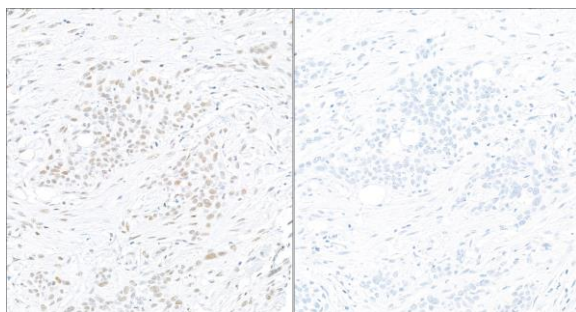
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 29, 2022



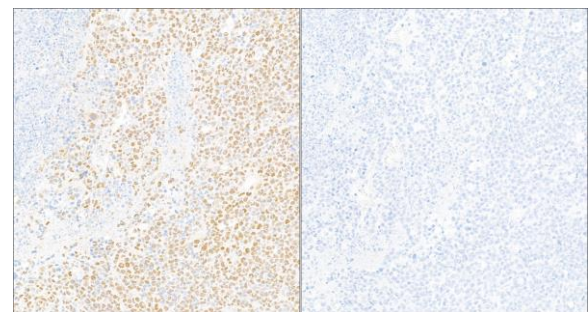
Detection of human Phospho STAT3 (Y705) by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HeLa (serum starved), HeLa (IFN-α), Jurkat, and Jurkat (IFN-α) cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho STAT3 (Y705) recombinant monoclonal antibody [BLR231K] (A700-231 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-STAT3 recombinant monoclonal antibody [BLR098G] (A700-098).



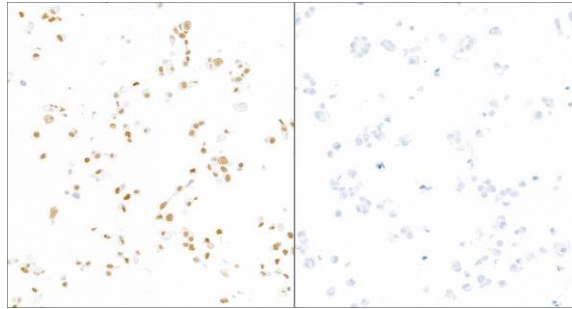
Detection of human Phospho STAT3 (Y705) by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells treated with IFN-α (100 ng/mL). *Antibodies:* Rabbit anti-Phospho STAT3 (Y705) recombinant monoclonal antibody [BLR231K] (A700-231 lot 1) used for IP at 12 µl/mg lysate. Phospho STAT3 (Y705) was also immunoprecipitated by a second antibody (Antibody 2). For blotting immunoprecipitated Phospho STAT3 (Y705), A700-231 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



Detection of human STAT3-pY705 by immunohistochemistry. *Sample:* FFPE section of human bladder carcinoma, mock CIP treatment (left) and CIP treatment (right). *Antibody:* Rabbit anti-STAT3-pY705 recombinant monoclonal antibody [BLR231K] (A700-231-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse STAT3-pY705 by immunohistochemistry. *Sample:* FFPE section of mouse plasmacytoma, mock CIP treatment (left) and CIP treatment (right). *Antibody:* Rabbit anti-STAT3-pY705 recombinant monoclonal antibody [BLR231K] (A700-231-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human STAT3-pY705 by immunocytochemistry. *Sample:* FFPE section of Ovarcar-3 cells, mock CIP treatment (left) and CIP treatment (right). *Antibody:* Rabbit anti-STAT3-pY705 recombinant monoclonal antibody [BLR231K] (A700-231-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).