BRG1Recombinant Monoclonal Antibody [BLR106H]

Rabbit Recombinant Monoclonal

Purified

Catalog No. A700-106-T

Lot No. A700-106-T-1

Protein ID NP_001122321.1

GeneID 6597

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 µl (5+ tests)
CONCENTRATION	100 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 #	BLR106H
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 75 and 125 of human transcription activator BRG1 using the numbering given in entry NP_001122321.1 (Gene ID 6597).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

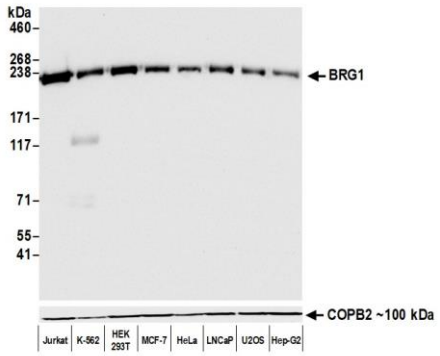
Western Blot	1:1,000
Immunoprecipitation	20 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500 Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500 Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Prostate Carcinoma, Small Cell Lung Cancer, Tonsil, HEK293T Cells, HeLa Cells, Jurkat Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-106-T Use the link above to view SDS, a current list of citations, and other product specific information.

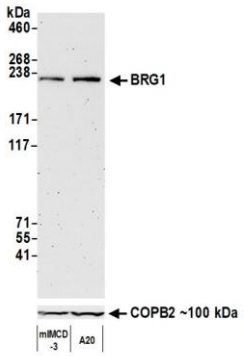
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

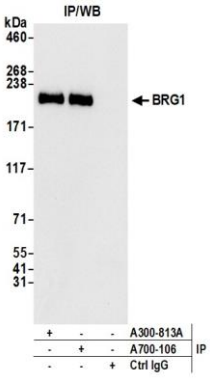
Date: March 23, 2020



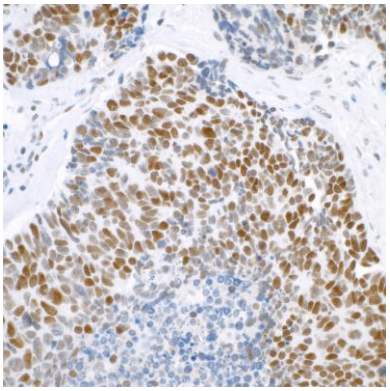
Detection of human BRG1 by western blot. *Samples:* Whole cell lysate (50 µg) from Jurkat, K-562, HEK293T, MCF-7, HeLa, LNCaP, U2OS, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRG1 recombinant monoclonal antibody [BLR106H] (A700-106-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



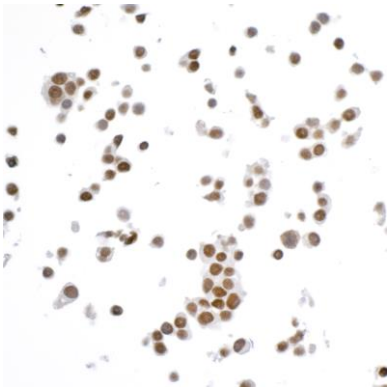
Detection of mouse BRG1 by western blot. *Samples:* Whole cell lysate (50 µg) from mIMCD-3 and A20 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BRG1 recombinant monoclonal antibody [BLR106H] (A700-106-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of human BRG1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-BRG1 recombinant monoclonal antibody [BLR106H] (A700-106-T lot 1) used for IP at 20 µl/mg lysate. BRG1 was also immunoprecipitated by rabbit anti-BRG1 antibody A300-813A. For blotting immunoprecipitated BRG1, A700-106-T was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



Detection of human BRG1 in FFPE lung carcinoma by IHC. *Antibody:* Rabbit anti-BRG1 recombinant monoclonal antibody [BLR106H] (A700-106-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human BRG1 in FFPE HEK293T cells by ICC. *Antibody:* Rabbit anti-BRG1 recombinant monoclonal antibody [BLR106H] (A700-106-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.