

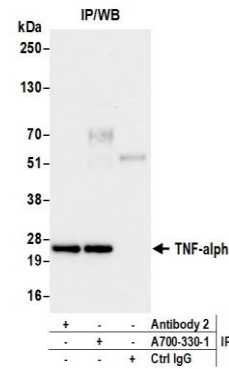
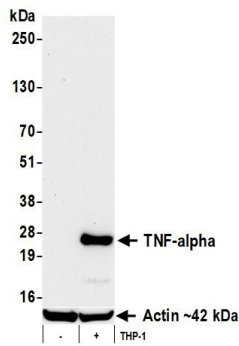
TNF- α Recombinant Monoclonal Antibody [BLR330M]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000585.2
Catalog No.	A700-330	Uniprot ID	P01375
Lot No.	1	GenID	7124

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 μ l (10 blots)
CONCENTRATION	1000 μ g/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
ISOTYPE	IgG
CLONE #	BLR330M
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a recombinant protein representing the extracellular domain of human Tumor Necrosis Factor Alpha (residues 77-233, NP_000585.2).
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 6 μ l/mg lysate
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.
ADDITIONAL INFO	https://www.fortislife.com/p/A700-330 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: August 5, 2024



Detection of human TNF-alpha by western blot. *Samples:* Whole cell lysate (50 µg) from THP-1 cells untreated (-) or treated with 20ng/mL PMA (48hrs), 100ng/mL LPS (16hrs) and 5ug/mL Brefeldin A (4hrs) (+). *Antibody:* Rabbit anti-TNF-alpha recombinant monoclonal antibody [BLR330M] (A700-330 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

Detection of human TNF-alpha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from THP-1 cells treated with 20ng/mL PMA (48hrs), 100ng/mL LPS (16hrs) and 5ug/mL Brefeldin A (4hrs). *Antibodies:* Rabbit anti-TNF-alpha recombinant monoclonal antibody [BLR330M] (A700-330 lot 1) used for IP at 6 µl per reaction. TNF-alpha was also immunoprecipitated a secondary antibody (Antibody 2). For blotting immunoprecipitated TNF-alpha, A700-330 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.