



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

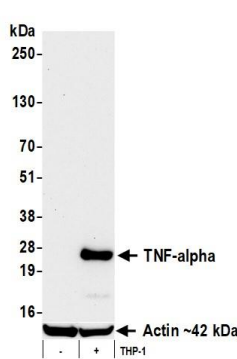
# TNF- $\alpha$ Recombinant Monoclonal Antibody [BLR330M]

## Rabbit Recombinant Monoclonal

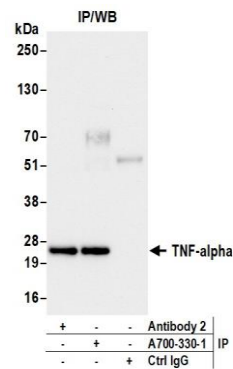
Purified		RefSeq ID	NP_000585.2
Catalog No.	A700-330-T	Uniprot ID	P01375
Lot No.	1	GenelD	7124

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	20 $\mu$ l (2 blots)
CONCENTRATION	1000 $\mu$ 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 $\mu$ 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	<a href="https://www.fortislife.com/p/A700-330-T">https://www.fortislife.com/p/A700-330-T</a> 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  $\mu$ g) 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  $\mu$ l per reaction. TNF- $\alpha$  was also immunoprecipitated a second antibody against a different epitope of TNF- $\alpha$  (Antibody 2). For blotting immunoprecipitated TNF- $\alpha$ , A700-330 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.