

TUFM/EF-Tu Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P49411.2

Catalog No. A305-014A

GeneID 7284

Lot No. A305-014A-1



APPLICATIONS	WB
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and Golden hamster
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to TUFM/EF-Tu immobilized on solid support.

The epitope recognized by A305-014A maps to a region between residue 100 to 150 of human Elongation factor Tu, mitochondrial using the numbering given in entry P49411.2 (GeneID 7284).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

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 1:2,000 - 1:10,000

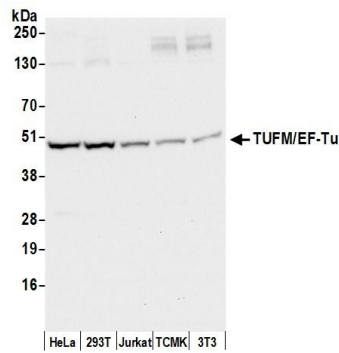
Immunoprecipitation Not recommended

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A305-014A>

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: June 21, 2019



Detection of human and mouse TUFM/EF-Tu by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TUFM/EF-Tu antibody A305-014A (lot A305-014A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.