

# TDP-43 (human specific) antibody



Catalog Number: 107618

## Product name

TDP-43 (human specific) antibody

## Specificity

Human; other species not tested.

## Antibody description

TDP-43 (human specific) Mouse Monoclonal antibody. Positive IHC detected in human brain(FTLD-U) tissue, human brain tissue, human gliomas tissue, human pancreas cancer tissue, human pancreas tissue. Positive FC detected in MCF-7 cells. Positive WB detected in K-562 cells, human brain tissue, human heart tissue, human placenta tissue. Positive IP detected in K-562 cells. Observed molecular weight by Western-blot: 43 kDa

## Preparation

This antibody was obtained by immunization of TDP-43 (human specific) recombinant protein (Accession Number: BC001487). Purification method: Caprylic acid/ammonium sulfate precipitation.

## Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

## Applications

ELISA, IP, FC, WB, IHC

## Dilutions

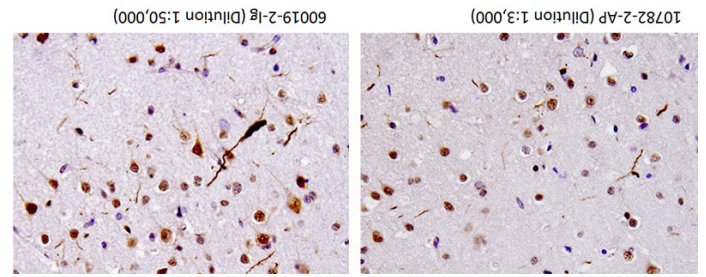
Recommended Dilution:

WB: 1:5000-1:50000

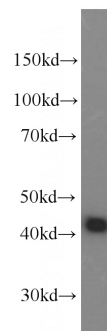
IP: 1:500-1:5000

IHC: N/A

## Validations



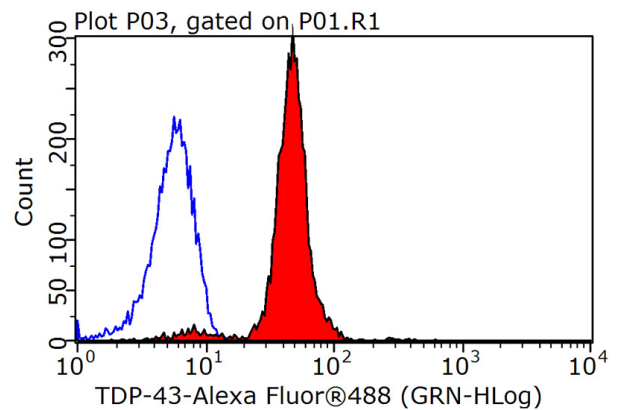
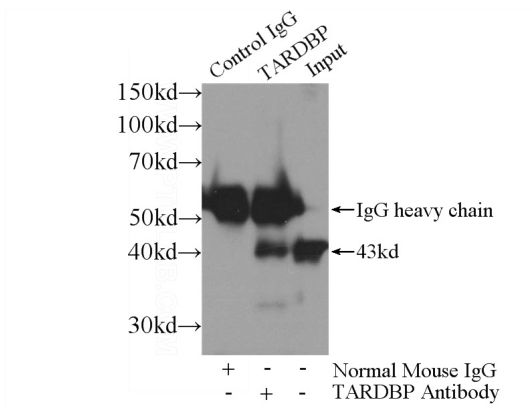
40X of FTLD-U case stained by Catalog No:115925 and Catalog No:107618, showing dystrophic neurites. (Figs were provided by Linda K. Kwong)



K-562 cells were subjected to SDS PAGE followed by western blot with Catalog No:107618(TDP-43 Antibody) at dilution of 1:10000

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IP Result of anti-TDP-43 (IP:Catalog No:107618, 5ug; Detection:Catalog No:107618 1:1000) with K-562 cells lysate 1720ug.

$1 \times 10^6$  MCF-7 cells were stained with 0.2ug TDP-43 antibody (Catalog No:107618, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1500.