

FUS/TLS antibody



Catalog Number: 107282

Product name

FUS/TLS antibody

Immunogen

[Human FUS/TLS Recombinant protein \(GST tag & His tag\)](#)

Specificity

Human, Mouse; other species not tested.

Antibody description

FUS/TLS Mouse Monoclonal antibody. Positive IF detected in human brain(ALS) tissue. Positive IHC detected in human gliomas tissue, human brain (FTLD) tissue, human ovary tumor tissue. Positive WB detected in K562 cells, HeLa cells, HL-60 cells. Positive IP detected in HeLa cells. Observed molecular weight by Western-blot: 73 kDa

Preparation

This antibody was obtained by immunization of FUS/TLS recombinant protein (Accession Number: NM_004960). 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, WB, IF, IHC, IP

Dilutions

Recommended Dilution:

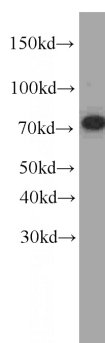
WB: 1:500-1:5000

IP: 1:5000-1:50000

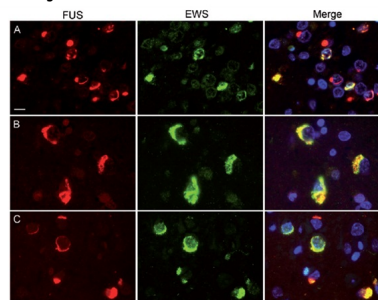
IHC: 1:20-1:200

IF: 1:20-1:200

Validations



K-562 cells were subjected to SDS PAGE followed by western blot with Catalog No:107282(FUS antibody) at dilution of 1:1000

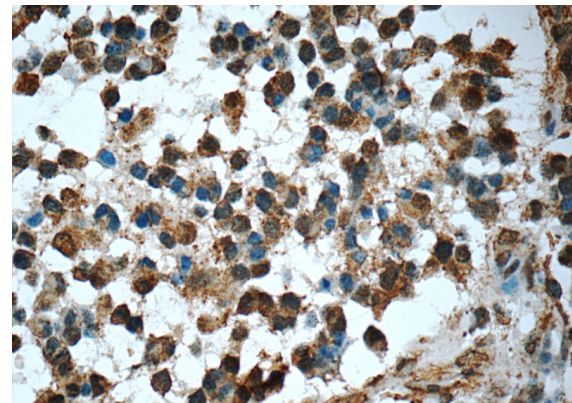
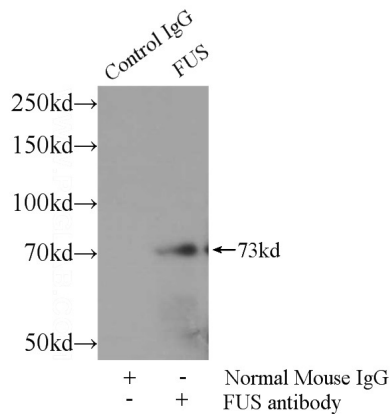


Co-localization of EWS and FUS in FTLD-FUS inclusions. Double-label immunofluorescence for FUS (red) and EWS (green), with DAPI staining of nuclei in the merged images. In atypical FTLD-U, only a subset of FUS-positive neuronal cytoplasmic and intranuclear inclusions were stained for EWS (A). In contrast, robust co-labeling for EWS and FUS was observed in most inclusions in NIFID (B) and BIBD (C).

IF result of McAB FUS(Catalog No:107282) in the

FUS/TLS antibody

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Paper

IP Result of anti-FUS/TLS (IP:Catalog No:107282, 4ug; Detection:Catalog No:107282 1:10000) with HeLa cells lysate 920ug.

Immunohistochemistry of paraffin-embedded human gliomas tissue slide using Catalog No:107282(FUS/TLS Antibody) at dilution of 1:50 (under 40x lens)