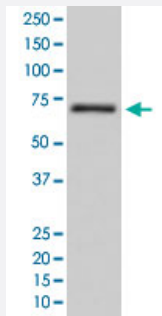


FUS monoclonal antibody, clone IHC-6

Catalog # MAB20064 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with FUS monoclonal antibody, clone IHC-6 (Cat # MAB20064).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human FUS.

Immunogen A synthetic peptide corresponding to human FUS.

Host Rabbit

Theoretical MW (kDa) 53.426

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:50)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with FUS monoclonal antibody, clone IHC-6 (Cat # MAB20064).

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

Gene Info — FUS

Entrez GeneID	2521
Protein Accession#	P35637
Gene Name	FUS
Gene Alias	CHOP, FUS-CHOP, FUS1, TLS, TLS/CHOP, hnRNP-P2
Gene Description	fusion (involved in t(12;16) in malignant liposarcoma)
Omim ID	137070
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6. [provided by RefSeq]
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Other Designations

FUS-CHOP fusion protein|FUS-CHOP protein fusion|Fusion gene in myxoid liposarcoma|fus-like protein|fus/tls-chop oncogene|heterogeneous nuclear ribonucleoprotein P2|translocated in liposarcoma

Disease

- [Amyotrophic Lateral Sclerosis](#)
- [Azoospermia](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Frontotemporal Dementia](#)
- [Frontotemporal Lobar Degeneration](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Oligospermia](#)
- [Overweight](#)
- [Parkinsonian Disorders](#)
- [Prostate cancer](#)