



Anti-FUS monoclonal antibody, clone DM1201 (DCABH-4293)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| Product Overview | Mouse monoclonal to TLS/FUS |
|---------------------|--|
| Antigen Description | Binds both single-stranded and double-stranded DNA and promotes ATP-independent annealing of complementary single-stranded DNAs and D-loop formation in superhelical double-stranded DNA. May play a role in maintenance of genomic integrity. |
| Immunogen | Recombinant fragment, corresponding to amino acids 86-213 of Human TLS/FUS. |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | DM1201 |
| Conjugate | Unconjugated |
| Applications | IHC-P, WB |
| Positive Control | Human kidney, stomach, prostate and pancreas tissues. |
| Format | Liquid |
| Size | 100 μΙ |
| Buffer | pH: 7.20; Preservative: 0.02% Sodium azide; Constituents: 59% PBS, 40% Glycerol |
| Storage | store at -20°C. Avoid repeated freeze / thaw cycles. |
| Ship | Shipped at 4°C. |
| | |

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-624-4882 Fax: 1-631-938-8221

Email: info@creative-diagnostics.com

© Creative Diagnostics All Rights Reserved

GENE INFORMATION

| Gene Name | FUS fused in sarcoma [Homo sapiens] |
|---------------------|--|
| Official Symbol | FUS |
| Synonyms | FUS; fused in sarcoma; ALS6, amyotrophic lateral sclerosis 6, fusion (involved in t(12;16) in malignant liposarcoma), fusion, derived from t(12;16) malignant liposarcoma; RNA-binding protein FUS; FUS1; heterogeneous nuclear ribonucleoprotein P2; hnRN |
| Entrez Gene ID | <u>2521</u> |
| Protein Refseq | NP 001164105 |
| UniProt ID | <u>P35637</u> |
| Chromosome Location | 16p11.2 |
| Pathway | Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing PremRNA, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem; mRNA processing, organism-specific biosystem; |
| Function | DNA binding; RNA binding; metal ion binding; nucleotide binding; protein binding; zinc ion binding; |