



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 µl
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.

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	2521
Protein Refseq	NP_001164105
UniProt ID	P35637
Chromosome Location	16p11.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, 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;