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Anti-TLS/FUS Rabbit mAb [45A43]

Catalog No.: A52344

Basic Information

Catalog No. (Cat.No.)	A52344
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	TLS/FUS,FUS/TLS,TLS,EWSL,EWSR2,FUS/TLS

Product Information

Target	TLS/FUS
Molecular Weight(Calculated)	53 kDa
Molecular Weight(Observed)	70 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	45A43
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IHC	1:500-1:2000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Fused in sarcoma RNA-binding protein
Gene Name	*FUS*
Domain	NA
Background	FUS (FUS/TLS) is FET-family RNA-DNA-binding protein involved in transcriptional control, RNA splicing and RNA trafficking, normally enriched in nucleus. FUS gene mutations or pathological post-translational modifications trigger nuclear-to-cytoplasmic mis-localization and cytoplasmic inclusion-body formation, hallmark lesions of subsets of ALS and FTD. FUS also participates in DNA-damage repair; mutant protein gains toxic properties and perturbs RNA-metabolism networks.