FUS/TLS Conjugated Antibody

Catalog No: #C49300

Package Size: #C49300-AF350 100ul #C49300-AF405 100ul #C49300-AF488 100ul #C49300-AF555 100ul #C49300-AF594 100ul #C49300-AF647 100ul #C49300-AF680 100ul #C49300-AF750 100ul #C49300-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	FUS/TLS Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	75 kDa DNA pairing protein antibody 75 kDa DNA-pairing protein antibody ALS6 antibody Amyotrophic lateral sclerosis 6 antibody fus antibody FUS CHOP antibody Fus like protein antibody FUS_HUMAN antibody FUS1 antibody Fused in sarcoma antibody Fusion (involved in t(12;16) in malignant liposarcoma) antibody Fusion derived from t(12;16) malignant liposarcoma antibody Fusion gene in myxoid liposarcoma antibody Heterogeneous nuclear ribonucleoprotein P2 antibody hnRNP P2 antibody hnRNPP2 antibody Oncogene FUS antibody Oncogene TLS antibody POMp75 antibody RNA binding protein FUS antibody RNA-binding protein FUS antibody TLS antibody TLS CHOP antibody Translocated in liposarcoma antibody Translocated in liposarcoma protein antibody
Accession No.	Swiss-Prot#:P35637
Uniprot	P35637
GeneID	2521;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	75 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

EWS and FUS/TLS are nuclear RNA-binding proteins. As a result of chromosome translocation, the EWS gene is fused to a variety of transcription factors, including ATF-1, in human neoplasias. In the Ewing family of tumors, the N-terminal domain of EWS is fused to the DNA-binding domain of various Ets transcription factors, including Fli-1, ETV1 and FEV. The EWS/Fli-1 chimeric protein acts as a more potent transcriptional activator than Fli-1 and can promote cell transformation. In human myxoid liposarcomas and myeloid leukemias, chromosomal translocation results in the fusion of the N-terminal region of FUS/TLS with the open reading frame of CHOP. In normal cells, FUS/TLS binds to the DNA-binding domains of nuclear steroid receptors and is also present in subpopulations of TFIID complexes, indicating a potential role for FUS/TLS in the processing of primary transcripts that are generated in response to hormone-induced transcription.

Note: This product is for in vitro research use only