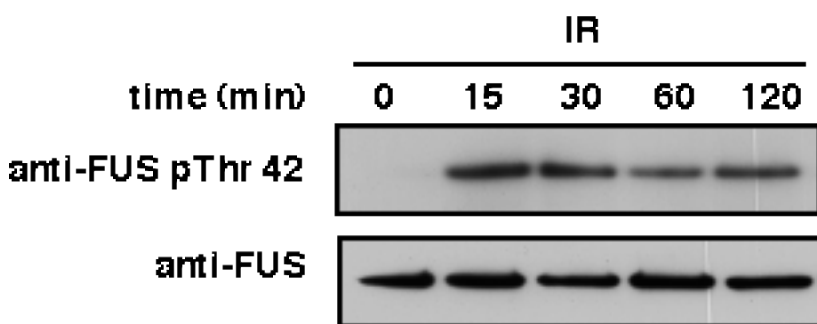


Antibody Datasheet

Product description:-	Anti-FUS phospho Thr 42
Antigen:-	QQSYSGYS*QSTDTS [residues 35 – 49 of human, where * is phospho Threonine]
Sheep Number:-	S942B
Bleed Number:-	Third Bleed
Concentration:-	0.24 mg/ml
Formulation:-	Phosphate Buffered Saline
Storage temperature:-	–20 °C
Purification Method:-	Affinity purified against phospho specific peptide
Working Concentration:-	2 μ g/ml for western blotting in the presence of 40 μ g/ml of the non-phosphorylated peptide

Publication Reference:-

Unpublished – Therefore please treat this information as highly confidential



Phosphorylation detected in HEK293 cells after treatment with ionising radiation (IR) (10Gy). The antibody was incubated with the non-phosphorylated peptide (40 μ g/ml) for 1 hour before addition to the nitrocellulose membrane. The antibody was used at 2 μ g/ml in 5 % skimmed milk / TBS-Tween and incubated with the membrane for 1 hour at room temperature.

Binding of the primary antibody was detected using rabbit peroxidase conjugated anti-sheep IgG antibody (1 in 10, 000 dilution, Pierce) followed by enhanced chemiluminescence (ECL, Amersham).