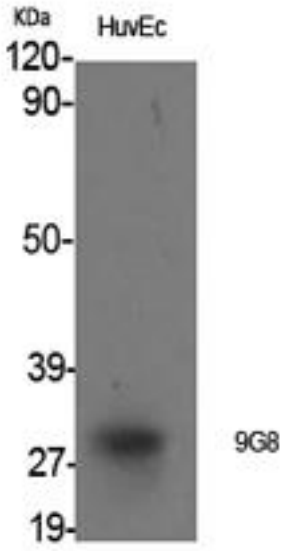
9G8 Monoclonal Antibody

Catalog No	YP-mAb-01515
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SRSF7
Protein Name	Serine/arginine-rich splicing factor 7
Immunogen	The antiserum was produced against synthesized peptide derived from human SFRS7. AA range:61-110
Specificity	9G8 Monoclonal Antibody detects endogenous levels of 9G8 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SRSF7; SFRS7; Serine/arginine-rich splicing factor 7; Splicing factor 9G8; Splicing factor; arginine/serine-rich 7
Observed Band	35kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Brain, liver, kidney and lung.
Function	alternative products:Isoforms, often lacking the RS domain and differentially expressed in fetal tissues, may be involved in modulation of 9G8 function,function:Required for pre-mRNA splicing. Can also modulate alternative splicing in vitro.,PTM:Extensively phosphorylated on serine residues in the RS domain.,similarity:Belongs to the splicing factor SR family.,similarity:Contains 1 CCHC-type zinc finger.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Found in large molecular weight complexes containing CCNL1 and the p110 isoforms of either CDC2L1 or CDC2L2. Interacts with CCNL2 and CPSF6.,tissue specificity:Brain, liver, kidney and lung.,
Background	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors.

	In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using 9G8 Monoclonal Antibody