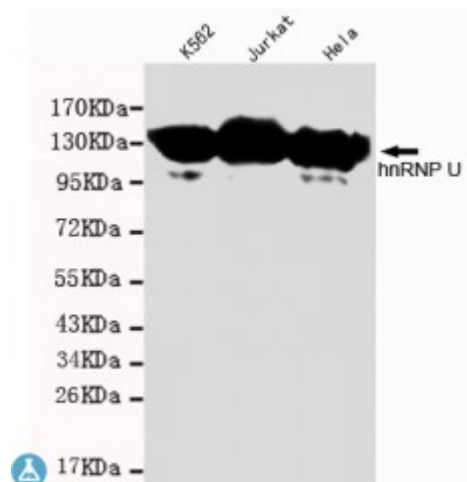


Anti-hnRNP U antibody



Description	Mouse monoclonal to hnRNP U.
Model	STJ99127
Host	Mouse
Reactivity	Human
Applications	ELISA, WB
Immunogen	Purified recombinant human hnRNP U protein fragments expressed in E.coli.
Gene ID	3192
Gene Symbol	HNRNPU
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	This antibody detects endogenous levels of hnRNP U and does not cross-react with related proteins.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clone ID	1B11-H2-B7
Note	For Research Use Only (RUO).
Protein Name	Heterogeneous nuclear ribonucleoprotein U hnRNP U GRIP120 Nuclear p120 ribonucleoprotein Scaffold-attachment factor A SAF-A p120 pp120
Molecular Weight	110kDa
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5048OMIM:602869
Alternative Names	Heterogeneous nuclear ribonucleoprotein U hnRNP U GRIP120 Nuclear p120 ribonucleoprotein Scaffold-attachment factor A SAF-A p120 pp120
Function	Component of the CRD-mediated complex that promotes MYC mRNA stabilization. Binds to pre-mRNA. Has high affinity for scaffold-attached region (SAR) DNA. Binds to double- and single-stranded DNA and RNA. Plays a role in the circadian regulation of the core clock component ARNTL/BMAL1 transcription .
Cellular Localization	Nucleus Cytoplasm Cell surface. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes.
Post-translational Modifications	Extensively phosphorylated. Arg-739 is dimethylated, probably to asymmetric dimethylarginine. Citrullinated by PADI4.

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