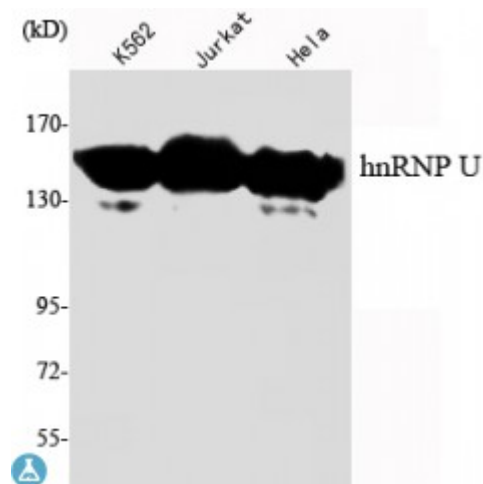


Anti-hnRNP U antibody



Description	Mouse monoclonal to hnRNP U.
Model	STJ98500
Host	Mouse
Reactivity	Bovine, Human, Rabbit, Swine
Applications	WB
Immunogen	Purified recombinant human hnRNP U protein fragments expressed in E.coli.
Gene ID	3192
Gene Symbol	HNRNPU
Dilution range	WB 1:1000-1:2000
Specificity	hnRNP U Monoclonal Antibody detects endogenous levels of hnRNP U protein.
Purification	Affinity purification
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
Clonality	Monoclonal
Conjugation	Unconjugated
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
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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