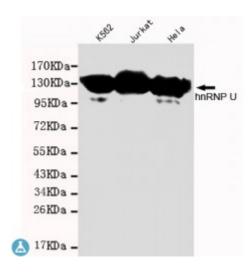


## Anti-hnRNP U antibody



**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 <u>HGNC:5048OMIM:602869</u>

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** Extensively phosphorylated. Arg-739 is dimethylated, probably to asymmetric

**Modifications** dimethylarginine. Citrullinated by PADI4.

**St John's Laboratory Ltd F** +44 (0)207 681 2580

T +44 (0)208 223 3081

W http://www.stjohnslabs.com/ E info@stjohnslabs.com