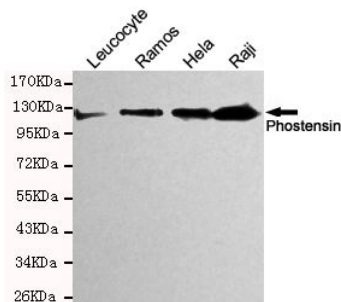


**Phostensin****Mouse monoclonal Antibody****#53315****Catalog Number:** 53315**Amount:** 100µg/100µl**Swiss-Prot No. :** Q6NYC8**Gene name:** ppp1r18**Gene id:** 170954**Clone Number:** 4B12-E11-D9**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Phostensin protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Phostensin and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 120kd WB: 1:200

Western blot detection of Phostensin in HeLa, Raji, Ramos and Leucocyte cell lysates and using Phostensin mouse mAb (1:200 diluted). Predicted band size: 120KDa. Observed band size: 120KDa.

Background:

Protein phosphatase-1 (PP1; see MIM 176875) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin (see MIM 102610) cytoskeleton