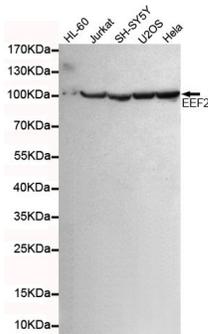




eEF2

Mouse monoclonal Antibody

#53135

Catalog Number: 53135**Amount:** 100µg/100µl**Swiss-Prot No. :** P13639**Gene name:**eef2**Gene id:**1938**Clone Number:** 4B3-G7-H5**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 eEF2 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of eEF2 and does not cross-react with related proteins**Reactivity:** Human,**Applications:** Predicted MW: 95kd WB: 1:5000 ICC:1:200

Western blot detection of eEF2 in HL-60, Jurkat, SHSY-5Y, U20S and HeLa cell lysates using eEF2 mouse mAb (1:5000 diluted). Predicted band size: 95KDa. Observed band size: 95KDa.

Background:

This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation.