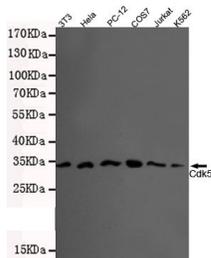




CDK5(N-term)

Mouse monoclonal Antibody

#53137

Catalog Number: 53137**Amount:** 100µg/100µl**Swiss-Prot No. :** Q00535**Gene name:**cdk5**Gene id:**1020**Clone Number:** 2E8-F9-B7-C11**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 CDK5(N-term) protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of CDK5(N-term) and does not cross-react with related proteins**Reactivity:** Human,Mouse,Rat,Monkey**Applications:** Predicted MW: 36kd WB: 1:500 ICC:1:150

Western blot detection of CDK5(N-terminus) in 3T3,HeLa,PC-12,COS7,Jurkat and K562 lysates using Cdk5 mouse mAb (1:500 diluted).Predicted band size: 36KDa.Observed band size: 36KDa.

Background:

Cdks (cyclin-dependent kinases) are heteromeric serine/threonine kinases that control progression through the cell cycle in concert with their regulatory subunits, the cyclins. Although there are 12 different cdk genes, only 5 have been shown to directly drive the cell cycle (Cdk1, -2, -3, -4, and -6).