

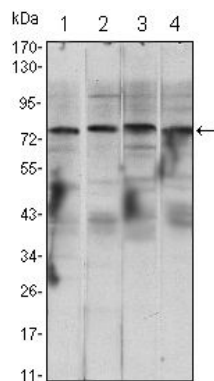
**CHUK****Mouse monoclonal Antibody****#54004****Catalog Number:** 54004**Amount:** 100µg/100µl**Swiss-Prot No. :** O15111**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CHUK protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CHUK and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 85kd WB: 1:500-2000 ICC:1:200-1000

Figure 1: Western blot analysis using CHUK mouse mAb against Raji (1), Jurkat (2), THP-1 (3) and K562 (4) cell lysate.

### Background:

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor.