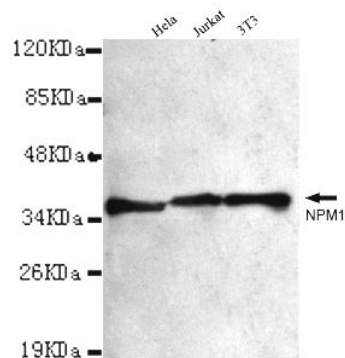




# NPM1

## Mouse monoclonal Antibody

**#53175****Catalog Number:** 53175**Amount:** 100µg/100µl**Swiss-Prot No. :** P06748**Gene name:** npm1**Gene id:** 4869**Clone Number:** 2D9-C3-E5**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 NPM1 protein fragments expressed in E.coli.**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of NPM1 and does not cross-react with related proteins**Reactivity:** Human, Mouse**Applications:** Predicted MW: 38 kd WB: 1:1000

Western blot detection of NPM1 in HeLa, Jurkat and 3T3 cell lysates using NPM1 mouse mAb (1:1000 diluted). Predicted band size: 33KDa. Observed band size: 38KDa.

**Background :**

This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.