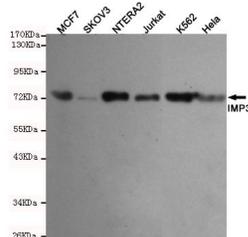


**IMP3****Mouse monoclonal Antibody****#53325****Catalog Number:** 53325**Amount:** 100µg/100µl**Swiss-Prot No. :** O00425**Gene name:** igf2bp3**Gene id:** 10643**Clone Number:** 1F1-E10-D11**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human IMP3 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of IMP3 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 70 kd WB: 1:1000

Western blot detection of IMP3 in MCF7,SKVO3,NTERA2,Jurkat,HeLa and K562 cell lysates using IMP3 mouse mAb (1:1000 diluted).Predicted band size:70KDa.Observed band size:70KDa.

Background:

The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes.