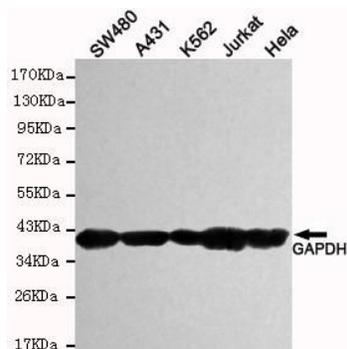


**GAPDH****Mouse monoclonal Antibody****#53162****Catalog Number:** 53162**Amount:** 100µg/100µl**Swiss-Prot No. :** P04406**Gene name:** gapdh**Gene id:** 2597**Clone Number:** 3C3-A2-E10**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human GAPDH protein fragments expressed in E.coli.**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of GAPDH and does not cross-react with related proteins**Reactivity:** Human, Monkey**Applications:** Predicted MW: 37kd WB: 1:5000

Western blot detection of GAPDH(human specific) in SW480,A431,K562,Jurkat and HeLa cell lysates using GAPDH(human specific) mouse mAb (1:5000 diluted). Predicted band size:37KDa.Observed band size:37KDa.

Background :

The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome.