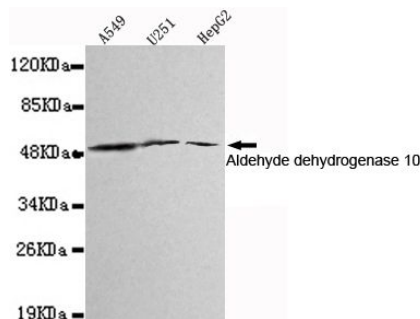




Aldehyde dehydrogenase 10

Mouse monoclonal Antibody

#53127

Catalog Number: 53127**Amount:** 100µg/100µl**Swiss-Prot No. :** P51648**Gene name:** aldh3a2**Gene id:** 224**Clone Number:** 3F7-H9-E12**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 FALDH protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of FALDH and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 55kd WB: 1:1000

Western blot detection of Aldehyde dehydrogenase 10 in A549, U251 and HepG2 cell lysates using Aldehyde dehydrogenase 10 mouse mAb (1:1000 diluted). Predicted band size: 55KDa. Observed band size: 55KDa.

Background:

Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene