

IHCab™ AMACR (BGT076) Mouse mAb

Cat #: B-IMW6991

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

This gene encodes a racemase. The encoded enzyme interconverts pristanoyl-CoA and C27-bile acylCoAs between their (R)- and (S)-stereoisomers. The conversion to the (S)-stereoisomers is necessary for degradation of these substrates by peroxisomal beta-oxidation. Encoded proteins from this locus localize to both mitochondria and peroxisomes. Mutations in this gene may be associated with adult-onset sensorimotor neuropathy, pigmentary retinopathy, and adrenomyeloneuropathy due to defects in bile acid synthesis. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the upstream neighboring C1QTNF3 (C1q and tumor necrosis factor related protein 3) gene.

Product Information

Applications/Dilution: IHC-p 1:200-400, WB 500-1000

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: The antibody can specifically recognize human AMACR protein. In western blotting of HeLa and LnCap cell lysates, the antibody can label a 42 kDa band corresponding to AMACR

Subcellular Location: Cytoplasmic

Expression: Prostatic adenocarcinoma

Formulation: PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein

Storage: Store at -15°C to -25°C

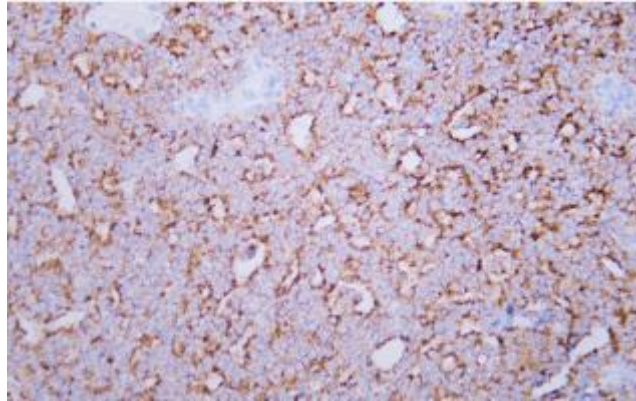


Fig. Human prostate adenocarcinoma tissue was stained with anti-AMACR antibody

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.