

## IHCab™ AMACR (BGT-AMACR) mouse mAb

Cat #: B-IMW6658

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 1:100-500, WB 1:500-2000

**Isotype/Source:** Mouse, Monoclonal/IgG1, Kappa

**Specificity:** This antibody detects endogenous levels of human AMACR. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section

**Subcellular Location:** Peroxisome . Mitochondrion

**Expression:** Aorta,Brain,Cerebellum,Kidney,Liver,PCR rescued clones,Prostate cancer,Sali

**Formulation:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage:** Store at -15°C to -25°C

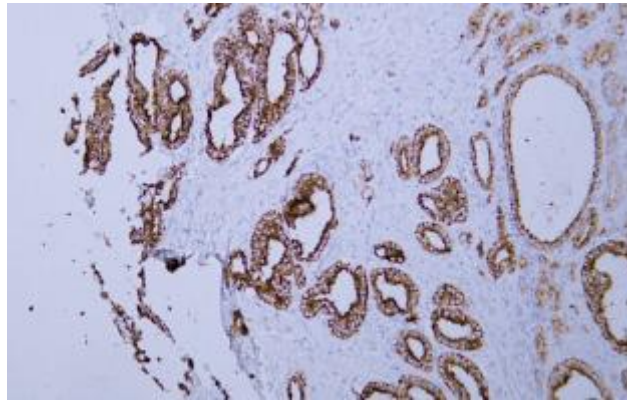


Fig. Human prostate adenocarcinoma tissue was stained with anti-AR antibody. Secondary Antibody was Biogradetech POLY™ Polymer HRP Goat Anti-Rabbit/Mouse IgG(H+L) Secondary Antibody (B-IMWRS11).

**Note:**

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