

bsm-33053M**[Primary Antibody]****Bioss**
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AMACR Mouse mAb**— DATASHEET —****Host:** Mouse**Isotype:** IgG**Clonality:** Monoclonal**CloneNo.:** 6B3**GeneID:** 23600**SWISS:** Q9UHK6**Target:** AMACR**Immunogen:** Recombinant human AMACR protein: full length.**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** Size : 50ul/100ul/200ul

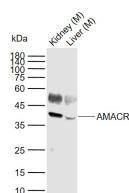
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

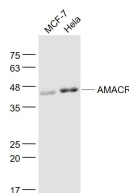
0.01M PBS

Shipped at 4°C. Store at -20°C for one year. 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. [provided by RefSeq, Mar 2011]

Applications: WB (1:500-1000)**Reactivity:** Human, Mouse
(predicted: Rat)**Predicted
MW.:** 42 kDa**Subcellular
Location:** Cytoplasm**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Kidney tissue lysates
Lane 2: Mouse Liver tissue lysates Primary: Anti-AMACR (bsm-33053M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti- Mouse IgG at 1/20000 dilution Predicted band size: 42 kDa
Observed band size: 42 kDa



Sample: MCF-7(Human) Cell Lysate at 30 ug
HeLa(Human) Cell Lysate at 30 ug Primary: Anti-AMACR (bsm-33053M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 42 kD
Observed band size: 42 kD