

**bsm-60484R****[ Primary Antibody ]**

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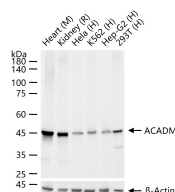
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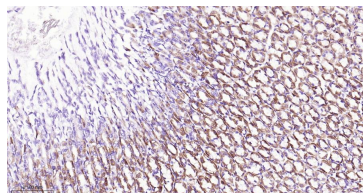
400-901-9800

**ACADM Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG/Kappa**Clonality:** Recombinant**CloneNo.:** H5A10**Target:** ACADM**Immunogen:** A synthesized peptide derived from human ACADM: 150-200/421.**Purification:** affinity purified by Protein A**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

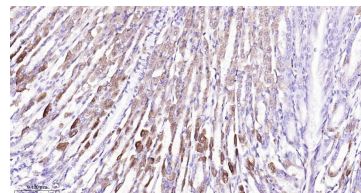
**Background:** This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Applications:** WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

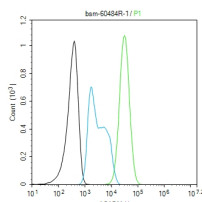
25 ug total protein per lane of various lysates (see on figure) probed with ACADM monoclonal antibody, unconjugated (bsm-60484R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Rat Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ACADM Monoclonal Antibody, Unconjugated (bsm-60484R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ACADM Monoclonal Antibody, Unconjugated (bsm-60484R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-ACADM antibody (bsm-60484R): 1:50-100/10<sup>6</sup> cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-0295G-BF488): 1

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

µg/test. Blank control (black): PBS. Acquisition  
of 20,000 events was performed.