

bsm-62355R**[Primary Antibody]**

HMGC2 Recombinant Rabbit mAb

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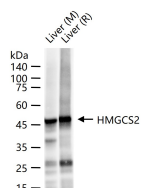
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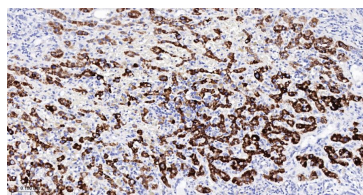
— DATASHEET —

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 18G13**GeneID:** 3158**SWISS:** P54868**Target:** HMGC2**Immunogen:** A synthesized peptide derived from human HMGC2: 480-508.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Catalyzes the first irreversible step in ketogenesis, condensing acetyl-CoA to acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 57 kDa**Observed
MW.:** 48 kDa**Subcellular
Location:** Cytoplasm

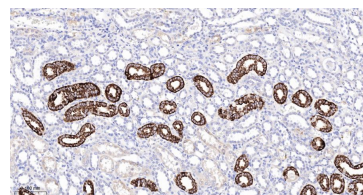
— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with HMGC2 monoclonal antibody, unconjugated (bsm-62355R) 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 Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with HMGC2 Monoclonal Antibody, Unconjugated (bsm-62355R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with HMGC2 Monoclonal Antibody, Unconjugated (bsm-62355R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.