

**Name:** Purified anti-ACSBG1 mouse monoclonal antibody, clone 2B6

**Catalog:** TA501176

## Product Data Sheet

**Gene Name:** Homo sapiens acyl-CoA synthetase bubblegum family member 1 (ACSBG1)  
**GeneBank accession:** NM\_015162  
**Isotype:** IgG1

**Reactivity:** Human  
**Test application:** WB  
**Clone Name:** clone 2B6

**Gene Synonym:** BG1; BGM; FLJ30320; GR-LACS; hBG1; hsBG; KIAA0631; MGC14352

### Validation Data:

#### Western Blot

**Guaranteed Applications:** WB, IHC

**Suggested Dilutions:** WB 1:2000, IHC 1:50,

**Immunogen:** Full length human recombinant protein of human ACSBG1(NP\_055977) produced in HEK293T cell.

#### Components:

- Purified anti-ACSBG1 mouse monoclonal antibody, clone 2B6 (TA501176)
- 1 vial of 20ug myc-DDK tagged ACSBG1 HEK293T over-expression lysate lyophilized in RIPA buffer (LY414754) (Reconstitute into 20ul of 1x SDS sample buffer before loading) (Not available for 30ul sample size)

#### Amount:

TA501176-100 100 uL

**Concentration:** 0.5-1.0 mg/ml

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

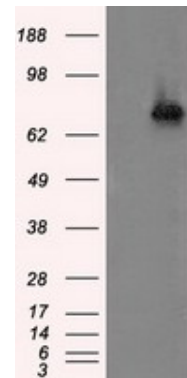
**Buffer:** PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.09% sodium azide.

#### Purification:

Purified from mouse ascites fluids by affinity chromatography

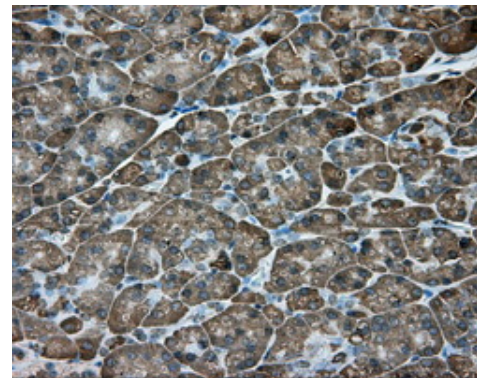
#### Background:

The protein encoded by this gene possesses long-chain acyl-CoA synthetase activity. It is thought to play a central role in brain very long-chain fatty acids metabolism and myelinogenesis. [provided by RefSeq].  
**COMPLETENESS:** complete on the 3' end.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACSBG1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACSBG1.

#### IHC data



Immunohistochemical staining of paraffin-embedded pancreas tissue using anti-ACSBG1 mouse monoclonal antibody. (TA501176, Dilution 1:50)

#### Related Product:

TrueORF cDNA clones  
 VERIFY Tagged Antigen lysates  
 HuSH-29 shRNA  
 Western Blot reagents  
 Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

**This product is to be used for laboratory only. Not for diagnostic or therapeutic use.**

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