

**TUSC2 Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8488b**

**Specification**

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**TUSC2 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | <b>WB,E</b>            |
| Primary Accession | <a href="#">O75896</a> |
| Reactivity        | <b>Human</b>           |
| Host              | <b>Mouse</b>           |
| Clonality         | <b>monoclonal</b>      |
| Isotype           | <b>IgG1,k</b>          |
| Calculated MW     | <b>12074</b>           |

**TUSC2 Antibody - Additional Information**

**Gene ID** 11334

**Other Names**

Tumor suppressor candidate 2, Fusion 1 protein, Fus-1 protein, PDGFA-associated protein 2, TUSC2, C3orf11, FUS1, LGCC, PDAP2

**Target/Specificity**

This TUSC2 antibody is generated from a mouse immunized with a recombinant protein of human TUSC2.

**Dilution**

WB~~1:2000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TUSC2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TUSC2 Antibody - Protein Information**

**Name** TUSC2

**Synonyms** C3orf11, FUS1, LGCC, PDAP2

**Function** May function as a tumor suppressor, inhibiting colony formation, causing G1 arrest and ultimately inducing apoptosis in homozygous 3p21.3 120-kb region-deficient cells.

### Tissue Location

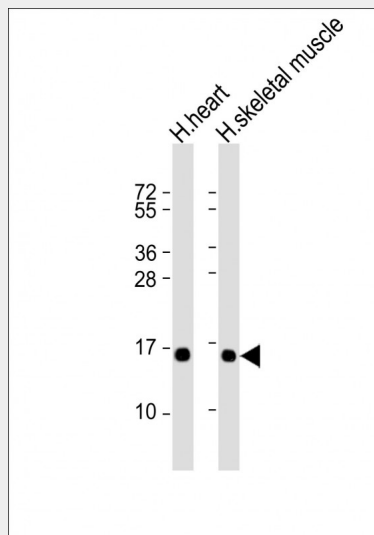
Strong expression in heart, lung, skeletal muscle, kidney, and pancreas, followed by brain and liver, lowest levels in placenta

### TUSC2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TUSC2 Antibody - Images



All lanes : Anti-TUSC2 Antibody at 1:2000 dilution Lane 1: human heart lysate Lane 2: human skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

### TUSC2 Antibody - Background

May function as a tumor suppressor, inhibiting colony formation, causing G1 arrest and ultimately inducing apoptosis in homozygous 3p21.3 120-kb region-deficient cells.

### TUSC2 Antibody - References

- Kondo M., et al. *Oncogene* 20:6258-6262(2001).  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Uno F., et al. *Cancer Res.* 64:2969-2976(2004).  
Mayya V., et al. *Sci. Signal.* 2:RA46-RA46(2009).