

**FRS2 Antibody (monoclonal) (M02)****Mouse monoclonal antibody raised against a partial length recombinant FRS2.****Catalog # AT2108a****Specification**

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**FRS2 Antibody (monoclonal) (M02) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB                       |
| Primary Accession | <a href="#">Q8WU20</a>   |
| Other Accession   | <a href="#">BC021562</a> |
| Reactivity        | Human                    |
| Host              | Mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 kappa               |
| Calculated MW     | 57029                    |

**FRS2 Antibody (monoclonal) (M02) - Additional Information****Gene ID** 10818**Other Names**

Fibroblast growth factor receptor substrate 2, FGFR substrate 2, FGFR-signaling adaptor SNT, Suc1-associated neurotrophic factor target 1, SNT-1, FRS2

**Target/Specificity**

FRS2 (AAH21562.1, 1 a.a. ~ 341 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

FRS2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

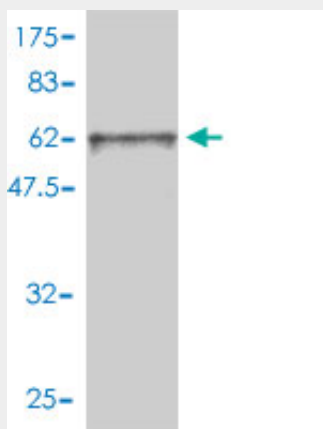
**FRS2 Antibody (monoclonal) (M02) - Protocols**

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

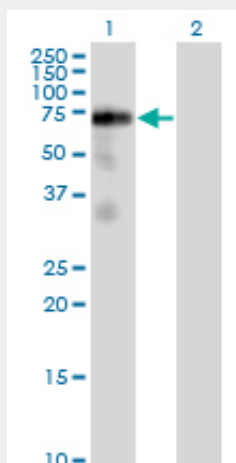
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FRS2 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (63.14 KDa) .



Western Blot analysis of FRS2 expression in transfected 293T cell line by FRS2 monoclonal antibody (M02), clone 1F7-1D6.

Lane 1: FRS2 transfected lysate (57.5 KDa).

Lane 2: Non-transfected lysate.

### FRS2 Antibody (monoclonal) (M02) - References

FGF-receptor substrate 2 functions as a molecular sensor integrating external regulatory signals into the FGF pathway. Zhou W, et al. Cell Res, 2009 Oct. PMID 19652666. An in vitro analysis of mechanical wounding-induced ligand-independent KGFR activation. Li M, et al. J Dermatol Sci, 2009 Mar. PMID 19111446. Aberrant receptor internalization and enhanced FRS2-dependent signaling contribute to the transforming activity of the fibroblast growth factor receptor 2 IIIb C3 isoform. Cha JY, et al. J Biol Chem, 2009 Mar 6. PMID 19103595. Genomic association analysis suggests chromosome 12 locus influencing antihypertensive response to thiazide diuretic. Turner ST, et al.

Hypertension, 2008 Aug. PMID 18591461. Many sequence variants affecting diversity of adult human height. Gudbjartsson DF, et al. Nat Genet, 2008 May. PMID 18391951.