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# KSR2 Antibody (monoclonal) (M08)

**Mouse monoclonal antibody raised against a partial recombinant KSR2.**
**Catalog # AT2664a**

## Specification

### KSR2 Antibody (monoclonal) (M08) - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Primary Accession | Q6VAB6 |
| Other Accession | NM_173598 |
| Reactivity | **Human** |
| Host | **Mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG2b Kappa** |
| Calculated MW | **107632** |

### KSR2 Antibody (monoclonal) (M08) - Additional Information

**Gene ID** 283455

**Other Names**
Kinase suppressor of Ras 2, hKSR2, KSR2

**Target/Specificity**
KSR2 (NP_775869, 411 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**
WB~~1:500~1000
E~~N/A

**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**
KSR2 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

### KSR2 Antibody (monoclonal) (M08) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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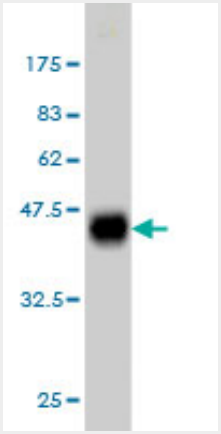
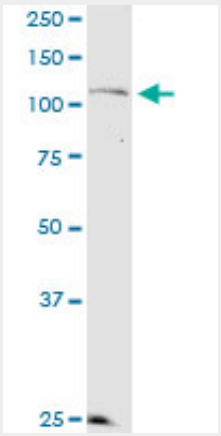
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

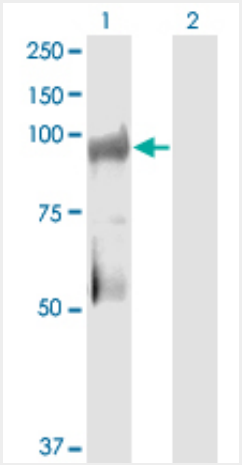
**KSR2 Antibody (monoclonal) (M08) - Images**




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .




KSR2 monoclonal antibody (M08), clone 1G4. Western Blot analysis of KSR2 expression in A-431.



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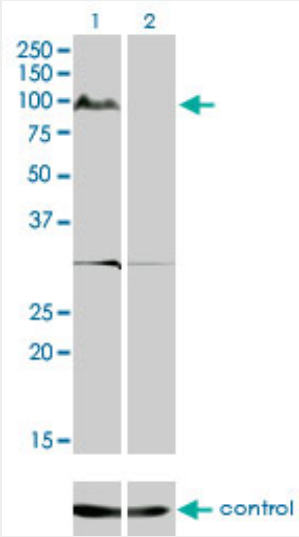
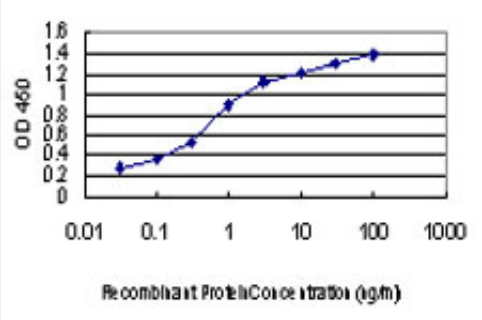
Western Blot analysis of KSR2 expression in transfected 293T cell line by KSR2 monoclonal antibody (M08), clone 1G4.

Lane 1: KSR2 transfected lysate (Predicted MW: 93.6 KDa).
Lane 2: Non-transfected lysate.




Western blot analysis of KSR2 over-expressed 293 cell line, cotransfected with KSR2 Validated Chimera RNAi ( (Cat # AT2664a )




Detection limit for recombinant GST tagged KSR2 is approximately 0.03ng/ml as a capture antibody.

**KSR2 Antibody (monoclonal) (M08) - References**

1.Kinase Suppressor of Ras-2 (KSR2) Regulates Tumor Cell Transformation Via AMPK.Fernandez MR, Henry MD, Lewis RE.Mol Cell Biol. 2012 Jul 16.2.KSR2 is an essential regulator of AMP kinase, energy expenditure, and insulin sensitivity.Costanzo-Garvey DL, Pfluger PT, Dougherty MK, Stock JL, Boehm M, Chaika O, Fernandez MR, Fisher K, Kortum RL, Hong EG, Jun JY, Ko HJ, Schreiner A, Volle DJ, Treece T, Swift AL, Winer M, Chen D, Wu M, Leon LR, Shaw AS, McNeish J, Kim JK, Morrison DK, TschoCell Metab. 2009 Nov;10(5):366-78.