

**KD-Validated Anti-HRAS Mouse Monoclonal Antibody**  
**Mouse monoclonal antibody**  
**Catalog # AGI1910****Specification****KD-Validated Anti-HRAS Mouse Monoclonal Antibody - Product Information**

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Primary Accession | <a href="#">P01112</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity        | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype           | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Calculated MW     | Predicted, 21 kDa, Observed, 18 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name         | KDa<br>HRAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Aliases           | HRAS; HRas Proto-Oncogene, GTPase;<br>HRAS1; V-Ha-Ras Harvey Rat Sarcoma Viral<br>Oncogene Homolog; Harvey Rat Sarcoma<br>Viral Oncogene Homolog; Transforming<br>Protein P21; GTPase HRas; P21ras; Ras<br>Family Small GTP Binding Protein H-Ras;<br>Harvey Rat Sarcoma Viral Oncoprotein;<br>Transformation Gene: Oncogene HAMSV;<br>GTP- And GDP-Binding Peptide B; Ha-Ras1<br>Proto-Oncoprotein; C-Has/Bas P21 Protein;<br>P19 H-RasIDX Protein; EC 3.6.5.2;<br>C-BAS/HAS; C-HA-RAS1; H-RASIDX;<br>C-H-RAS; H-Ras-1; C-H-Ras; Ha-Ras;<br>HAMSV; RASH1; CTLO |
| Immunogen         | Recombinant protein of human HRAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**KD-Validated Anti-HRAS Mouse Monoclonal Antibody - Additional Information**

|                                                                                                                                    |      |
|------------------------------------------------------------------------------------------------------------------------------------|------|
| Gene ID                                                                                                                            | 3265 |
| <b>Other Names</b>                                                                                                                 |      |
| GTPase HRas, 3.6.5.2, H-Ras-1, Ha-Ras, Transforming protein p21, c-H-ras, p21ras, GTPase HRas, N-terminally processed, HRAS, HRAS1 |      |

**KD-Validated Anti-HRAS Mouse Monoclonal Antibody - Protein Information****Name** HRAS**Synonyms** HRAS1**Function**

Involved in the activation of Ras protein signal transduction (PubMed:<a href="http://www.uniprot.org/citations/22821884" target="\_blank">22821884</a>). Ras proteins bind GDP/GTP and possess intrinsic GTPase activity (PubMed:<a href="http://www.uniprot.org/citations/12740440" target="\_blank">12740440</a>, PubMed:<a href="http://www.uniprot.org/citations/14500341" target="\_blank">14500341</a>, PubMed:<a href="http://www.uniprot.org/citations/14500341" target="\_blank">14500341</a>, PubMed:<a href="http://www.uniprot.org/citations/14500341" target="\_blank">14500341</a>).

href="http://www.uniprot.org/citations/9020151" target="\_blank">9020151</a>).

#### Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P20171}; Lipid-anchor; Cytoplasmic side. Golgi apparatus. Golgi apparatus membrane; Lipid-anchor. Note=The active GTP-bound form is localized most strongly to membranes than the inactive GDP-bound form (By similarity). Shuttles between the plasma membrane and the Golgi apparatus.

#### Tissue Location

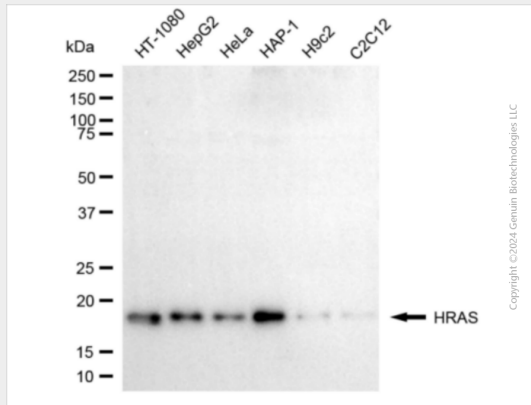
Widely expressed..

### KD-Validated Anti-HRAS Mouse Monoclonal Antibody - Protocols

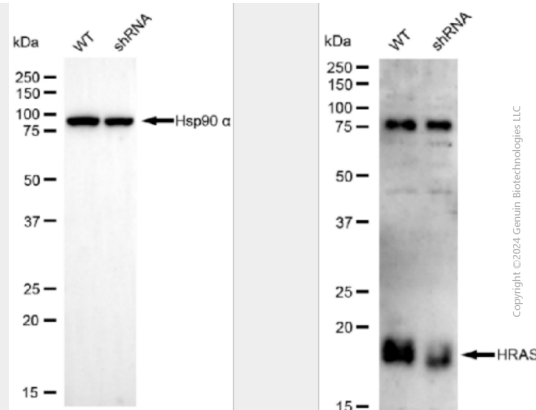
Provided below are standard protocols that you may find useful for product applications.

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

### KD-Validated Anti-HRAS Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-HRAS antibody (Cat#AGI1910). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HRAS antibody (Cat#AGI1910, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-HRAS antibody (Cat#AGI1910). HRAS expression in wild type (WT) and HRAS shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-HRAS antibody (Cat#AGI1910, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.