

## Mouse anti-Human HSP90AB1 (Heat Shock Protein 90) Monoclonal Antibody | anti-HSP90AB1 antibody

HSP90AB1 (Heat Shock Protein 90) Mouse Monoclonal Antibody [Clone HSP90AB1/3952]

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA215710</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

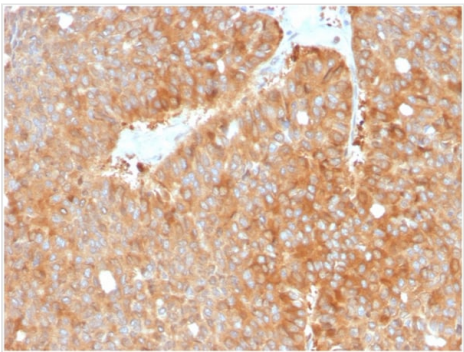
### PRODUCT SYNONYMS

HSP90AB1 (Heat Shock Protein 90); Monoclonal Antibody; HSP90AB1 (Heat Shock Protein 90) Mouse Monoclonal Antibody [Clone HSP90AB1/3952]; HSP84; HSPC2; HSPCB; D6S182; HSP90B; anti-HSP90AB1 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Mouse                                                                                                                                                          |
| Reactivity                                         | Human                                                                                                                                                          |
| Clonality                                          | Monoclonal                                                                                                                                                     |
| Isotype                                            | Mouse/IgG1, kappa                                                                                                                                              |
| Clone Number                                       | HSP90AB1/3952                                                                                                                                                  |
| Form/Format                                        | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml. |
| Concentration                                      | Purified Ab with BSA and Azide at 200ug/ml<br>OR<br>Purified Ab WITHOUT BSA<br>OR<br>Azide at 1.0mg/ml (varies by lot)                                         |
| Applicable Applications for anti-HSP90AB1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                  |
| Immunogen                                          | Recombinant human HSP90AB1 protein fragment (around aa581-704) (exact sequence is proprietary)                                                                 |
| Cellular Localization                              | Cytoplasm                                                                                                                                                      |
| Positive Control                                   | Human spleen, stomach or pancreas tissue. MCF-7 cells.                                                                                                         |
| Hu-chromosome Location                             | 6p21.1                                                                                                                                                         |
| Unigene                                            | 509736                                                                                                                                                         |
| Preparation and Storage                            | Antibody with azide: store at 2 to 8 degree C<br>Antibody is stable for 24 months. Non-hazardous. No MSDS required.                                            |

IMAGES



IHC (Immunohistochemistry)  
Formalin-fixed, paraffin-embedded human pancreas stained with HSP90AB1 Mouse Monoclonal Antibody (HSP90AB1/3952).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSP90AB1 antibody | This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 431822401                                                                                      |
| NCBI GeneID                      | 3326                                                                                           |
| NCBI Accession #                 | NP_001258898.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001271969.1                                                                                 |
| UniProt Accession #              | P08238; Q5T9W7; Q9NQW0; Q9NTK6; B2R5P0                                                         |
| Molecular Weight                 | 83,264 Da                                                                                      |
| NCBI Official Full Name          | heat shock protein HSP 90-beta isoform a                                                       |
| NCBI Official Synonym Full Names | heat shock protein 90kDa alpha (cytosolic), class B member 1                                   |
| NCBI Official Symbol             | HSP90AB1                                                                                       |
| NCBI Official Synonym Symbols    | HSP84; HSPC2; HSPCB; D6S182; HSP90B                                                            |
| NCBI Protein Information         | heat shock protein HSP 90-beta; HSP90-beta; heat shock 84 kDa; heat shock 90kD protein 1, beta |
| UniProt Protein Name             | Heat shock protein HSP 90-beta                                                                 |
| UniProt Gene Name                | HSP90AB1                                                                                       |
| UniProt Synonym Gene Names       | HSP90B; HSPC2; HSPCB; HSP 90; HSP 84; HSP84                                                    |
| UniProt Entry Name               | HS90B_HUMAN                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.