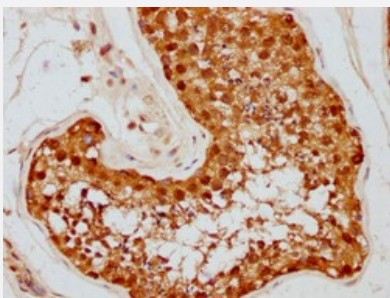


RecomAb™

HSP90AA1 recombinant monoclonal antibody, clone 4F8

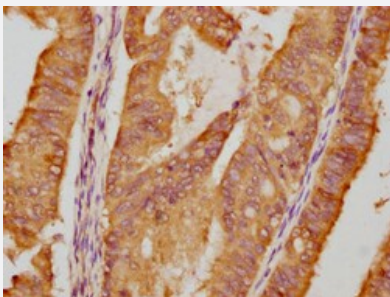
Catalog # RAB04365 Size 100 uL

Applications



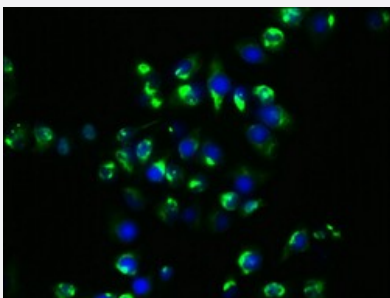
Immunohistochemistry

Immunohistochemical staining of human testis tissue with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:87.5).



Immunohistochemistry

Immunohistochemical staining of human endometrial cancer with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:87.5).



Immunofluorescence

Immunofluorescent staining of Hela cells with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:29). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human HSP90AA1.

| | |
|----------------------------|---|
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against a synthetic peptide corresponding to human HSP90AA1. |
| Reactivity | Human |
| Form | Liquid |
| Purification | Affinity chromatography |
| Isotype | IgG |
| Recommend Usage | ELISA Immunofluorescence (1:20-1:200) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide) |
| Storage Instruction | Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Immunohistochemistry

Immunohistochemical staining of human testis tissue with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:87.5).

- Immunohistochemistry

Immunohistochemical staining of human endometrial cancer with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:87.5).

- Immunofluorescence

Immunofluorescent staining of Hela cells with HSP90AA1 recombinant monoclonal antibody, clone 4F8 (Cat # RAB04365) (diluted at 1:29). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HSP90AA1

| | |
|--------------------|---|
| Entrez GeneID | 3320 |
| Protein Accession# | P07900 |
| Gene Name | HSP90AA1 |
| Gene Alias | FLJ31884, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP2 |
| Gene Description | heat shock protein 90kDa alpha (cytosolic), class A member 1 |
| Omim ID | 140571 |
| Gene Ontology | Hyperlink |
| Gene Summary | HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1, an inducible form, and HSP90AB1 (MIM 140572), a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM] |
| Other Designations | heat shock 90kD protein 1, alpha heat shock 90kD protein 1, alpha-like 4 heat shock 90kD protein, alpha-like 4 heat shock 90kDa protein 1, alpha |

Pathway

- [Antigen processing and presentation](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)