RecomAb™

HSP90B1 recombinant monoclonal antibody, clone R02-9F8

Catalog # RAB06525 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HSP90B1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human HSP90B1.
Theoretical MW (kDa)	Calculated MW: 92 kD
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunofluorescence

Gene Info — HSP90B1

Entrez GeneID	7184
Gene Name	HSP90B1
Gene Alias	ECGP, GP96, GRP94, TRA1
Gene Description	heat shock protein 90kDa beta (Grp94), member 1
Omim ID	191175
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. HSP90B1 is an endoplasmic reticulum HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM
Other Designations	Tumor rejection antigen-1 (gp96)|endothelial cell (HBMEC) glycoprotein|glucose regulated protein, 94 kDa|heat shock protein 90kDa beta, member 1|tumor rejection antigen (gp96) 1

Pathway

- Pathways in cancer
- Prostate cancer

Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Failure

- Schizophrenia