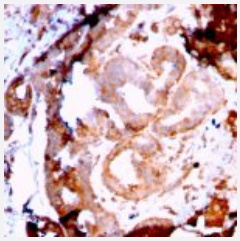
RecomAb™ Sm Size

HSP90B1 recombinant monoclonal antibody, clone HSP90B1/3168R

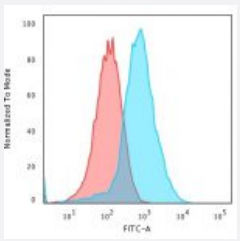
Catalog # RAB09016 Size 20 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast carcinoma.



Flow Cytometry

Flow cytometric analysis of HepG2 cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human HSP90B1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human HSP90B1.
Reactivity	Bovine, Chicken, Clawed frog, Dog, Guinea pig, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Sheep
Form	Liquid

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Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human breast carcinoma.

- Flow Cytometry

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Gene Info — HSP90B1

Entrez GeneID	7184
Protein Accession#	P14625
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

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Pathway

- Pathways in cancer
- Prostate cancer

Disease

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

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