

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10)
Rat Anti Chicken Monoclonal Antibody
Catalog # ALS17618**Specification****Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) - Product Information**

Application	WB, IHC-P, IP, FC
Primary Accession	P14625
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Sheep, Xenopus, Bovine, Guinea Pig, Dog
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	92469

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) - Additional Information**Gene ID** 7184**Alias Symbol** HSP90B1**Other Names**

HSP90B1, ECGP, Endoplasmin, gp96 homolog, gp96, GRP-94, GRP94, Tumor rejection antigen 1, TRA1

Reconstitution & Storage

Protein G purified

Precautions

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) - Protein Information**Name** HSP90B1 ([HGNC:12028](#))**Synonyms** GRP94, TRA1**Function**

Molecular chaperone that functions in the processing and transport of secreted proteins (By similarity). When associated with CNPY3, required for proper folding of Toll-like receptors (By similarity). Functions in endoplasmic reticulum associated degradation (ERAD) (PubMed:18264092). Has ATPase activity (By similarity). May participate in the unfolding of cytosolic leaderless cargos (lacking the secretion signal sequence) such as the interleukin 1/IL-1 to facilitate their translocation into the ERGIC (endoplasmic reticulum- Golgi intermediate compartment) and secretion; the translocation process is mediated by the cargo receptor TMED10 (PubMed:32272059).

Cellular Location

Endoplasmic reticulum lumen. Sarcoplasmic reticulum lumen {ECO:0000250|UniProtKB:P41148}.
Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) - 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](#)

Anti-HSP90B1 / GP96 / GRP94 Antibody (clone 9G10) - Images