

Datasheet: AHP848

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|----------------------|-------------------------|
| Description: | RABBIT ANTI HUMAN GRP94 |
| Specificity: | GRP94 |
| Format: | Serum |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 ml |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | | | ▪ | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/1000 |
| Immunofluorescence | ▪ | | | |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Bovine, Sheep, Cynomolgus monkey, Pig

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Serum - liquid

Antiserum Preparation

Antisera to human GRP94 were raised by repeated immunisation of rabbits with highly purified antigen.

Preservative Stabilisers

0.09% Sodium Azide

Immunogen Synthetic peptide derived from the internal sequence of human GRP94 conjugated to KLH

External Database Links

UniProt:

[P14625](#) [Related reagents](#)

Entrez Gene:

[7184](#) HSP90B1 [Related reagents](#)

Synonyms GRP94, TRA1

RRID AB_2295394

Specificity

Rabbit anti Human GRP94 antibody recognizes the 94 kDa glucose regulated protein, GRP94, also known as tumour rejection antigen (gp96). GRP94 is an endoplasmic reticulum resident molecular chaperone, a paralog of cytoplasmic Hsp90. GRP94 assists in the folding of membrane-bound proteins including the Toll-like receptors, certain subclasses of integrins and some secreted proteins such as IgG.

Rabbit anti Human GRP94 antibody detects a band of ~105 kDa in cynomolgus monkey brain lysates by western blotting.

References

1. Yang, M. *et al.* (2015) A hyposensitive anticancer drug induces higher surface expression and release of heat shock proteins in a human hepatocellular carcinoma cell line. [Mol Med Rep. 12 \(2\): 2879-85.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10081 available at:
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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