# Grp94 polyclonal antibody

Grp94 (Glucose-regulated protein 94) is an abundant resident endoplasmic reticulum (ER) lumenal stress protein, which together with cytosolic Hsp90 belongs to the Hsp90 family of molecular chaperones. Grp94 expression is upregulated by stress conditions such as glucose starvation and heat shock, which promote protein misfolding or unfolding. In addition to a homeostatic role in protein folding and assembly, Grp94 can function in the intracellular trafficking of peptides from the extracellular space to the MHC class I antigen processing pathway of antigen presentation cells.

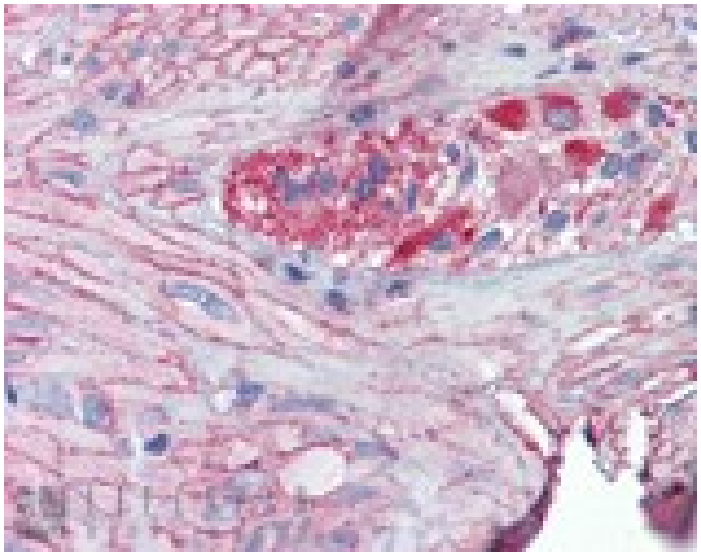
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**Citations:** 21 View Online »

## Ordering Information Order Online »

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|---|---|
| **ADI-SPA-851-D** | 50µg |
| **ADI-SPA-851-F** | 200µg |

## Manuals, SDS & CofA View Online »



Immunohistochemistry analysis of human small intestine tissue stained with Grp94, pAb at 10µg/ml.

## Handling & Storage

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|---|---|
| **Handling** | Avoid freeze/thaw cycles. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | Endoplasmin, Tra1, Hsp90B1, Gp96 |
| **Application** | ICC, IHC (PS), IP, WB |
| **Application Notes** | Detects a band of ~94kDa by Western blot. |
| **Formulation** | Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide. |
| **Gene/Protein Identifier** | NP_035761 (RefSeq) |
| **Host** | Rabbit |
| **Immunogen** | Synthetic peptide corresponding to the sequence near the C-terminus of mouse Grp94. |
| **Purity Detail** | Protein A affinity purified. |
| **Recommendation Dilutions/Conditions** | Immunoprecipitation (1:80)Western Blot (1:1,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application. |
| **Source** | Purified from rabbit serum. |
| **Species Reactivity** | Bovine, Human, Mouse, Rat |
| **UniProt ID** | P08113 |
| **Worry-free Guarantee** | **This antibody is covered by our Worry-Free Guarantee .** |

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