

AB-NN049-4

GRP94 Antibody

Pan-specific polyclonal antibody for monitoring the expression of mouse heat shock protein GRP94



KINEXUS

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Target Protein

Name Long:	Endoplasmin (GRP74)
Alias:	HSP90B1, GP96, TRA1, ECGP
UniProt ID:	P08113 - Mouse
Human Predicted Mass (kDa):	92.469 (803 AA; V9HWP2-1)
Observed SDS-PAGE Mass (kDa):	94

Immunogen

Antibody Immunogen Source:	Synthetic peptide corresponding to the sequence near the C-terminus of mouse GRP94
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	104 Mix
Antibody Purification:	Peptide affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), IP (1:80); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine
Antibody Positive Control:	1 µg/ml of SPC-101 was sufficient for detection of Grp94 in 20 µg of Hela lysate by colorimetric immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~94 kDa protein.
Antibody Specificity:	Medium-high

This product is for in vitro research use only and is not intended for use in humans or animals.

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