Recombinant GRP94 Monoclonal Antibody

catalog number: AN301542L

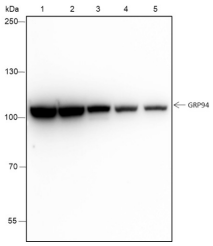
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human GRP94 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A241
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50
IP	1:25-1:100

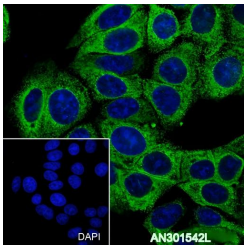
Data



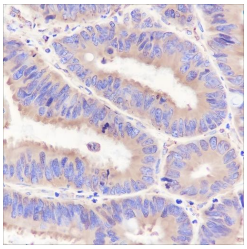
Western Blot with GRP94 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: MOLT-4, Lane 4: Rat brian, Lane 5: Mouse brain

Observed-MW:100 kDa

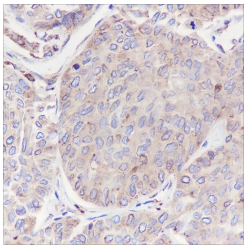
Calculated-MW:94 kDa



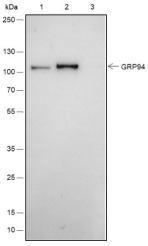
Immunofluorescent analysis of (100% methanol) fixed MCF7 cells using anti-GRP94 Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Human colon cancer using GRP94 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human lung squamous carcinoma using GRP94 Monoclonal Antibody at dilution of 1:50.



Immunoprecipitation analysis using anti-GRP94 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using GRP94 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: GRP94 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:100 kDa

Calculated-MW:94 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Molecular chaperone that functions in the processing and transport of secreted proteins. When associated with CNPY3, required for proper folding of Toll-like receptors. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity. 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 .

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017