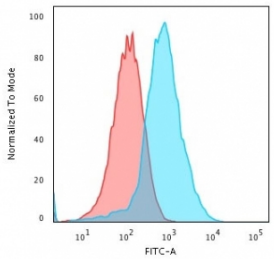
Recombinant GRP94 Antibody HSP90B1/3168R / HSP90B1 Recombinant Rabbit MAb [clone HSP90B1/3168R] (V8139)

Catalog No.	Formulation	Size
V8139-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8139-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8139SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

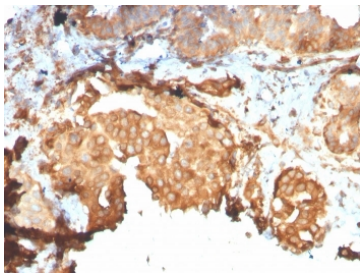
Recombinant RABBIT MONOCLONAL

Bulk quote request

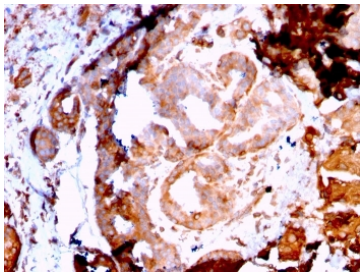
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	HSP90B1/3168R
Purity	Protein A affinity chromatography
UniProt	P14625
Localization	Nuclear, cytoplasmic
Applications	Flow cytometry: 1-2ug/10^6 cells Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant GRP94 Antibody HSP90B1/3168R is available for research use only.



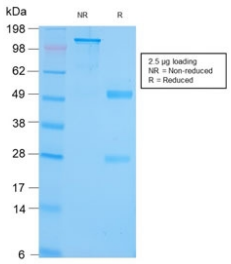
Recombinant GRP94 Antibody HSP90B1/3168R FACS. Flow cytometry testing of PFA-fixed human HepG2 cells with recombinant GRP94 antibody (clone HSP90B1/3168R); Red=isotype control, Blue= recombinant GRP94 antibody.



Recombinant GRP94 Antibody HSP90B1/3168R Immunohistochemistry. IHC staining of FFPE breast carcinoma with recombinant GRP94 antibody (clone HSP90B1/3168R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE breast carcinoma with recombinant GRP94 antibody (clone HSP90B1/3168R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant GRP94 antibody (clone HSP90B1/3168R) as confirmation of integrity and purity.

Description

Recombinant GRP94 Antibody HSP90B1/3168R recognizes a protein of 94kDa, which is identified as the glucose-regulated protein 94 (grp94) and also tumor rejection antigen (gp96). Grp94 shows a high degree of sequence homology with the heat shock protein 90 (hsp90). This MAb is highly specific to grp94 and shows minimal cross-reaction with other members of the HSP90 family. Grp's are a class of proteins unresponsive to heat shock and are induced by glucose deprivation. Grp94 has been briefly studied as a prognostic factor in breast cancer.

For researchers interested in a published monoclonal reagent targeting the same protein, explore our GRP94 Antibody 9G10.F8.2

Application Notes

Optimal dilution of the Recombinant GRP94 Antibody HSP90B1/3168R should be determined by the researcher.

Immunogen

A recombinant full-length human protein was used as the immunogen for this recombinant GRP94 antibody.

Storage

Store the recombinant GRP94 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

gp96 antibody, GRP94 antibody, HSP90B1 antibody, Endoplasmin antibody, Glucose-regulated protein 94 antibody, Glucose-regulated protein 96 antibody, Heat shock protein 90 beta family member 1 antibody, Tumor rejection antigen gp96 antibody, GRP96 antibody, TRA1 antibody

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