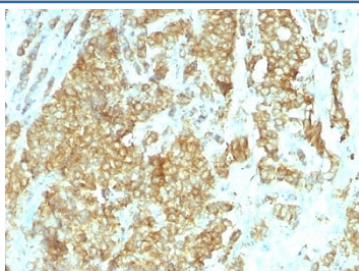


## GRP94 Antibody / HSP90B1 [clone HSP90B1/1192] (V2910)

Catalog No.	Formulation	Size
V2910-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2910-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2910SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2910IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (rat origin)
<b>Isotype</b>	Rat IgG2a, kappa
<b>Clone Name</b>	HSP90B1/1192
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P14625
<b>Localization</b>	Cytoplasmic and nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This GRP94 antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human breast carcinoma stained with GRP94 antibody (clone HSP90B1/1192).

## Description

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. Grps 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.

## Application Notes

Optimal dilution of the GRP94 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant full-length human protein was used as the immunogen for the GRP94 antibody.

## Storage

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