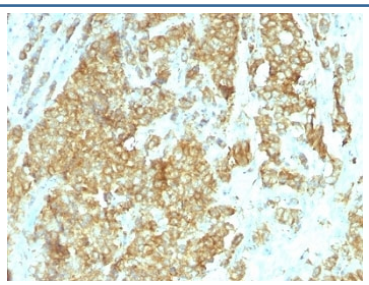
GRP94 Antibody / HSP90B1 [clone HSP90B1/1192] (V2910)

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

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

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