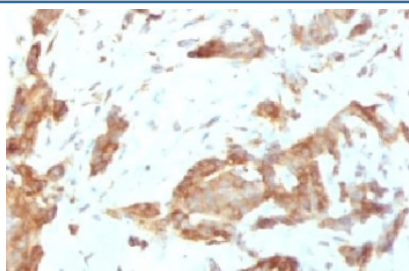


GRP94 Antibody / HSP90B1 [clone SRPR90b] (V7173)

Catalog No.	Formulation	Size
V7173-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7173-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7173SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7173IHC-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
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG2a, kappa
Clone Name	SRPR90b
Purity	Protein G affinity chromatography
UniProt	P14625
Localization	Cytoplasmic and nuclear
Applications	Immunohistology (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This GRP94 antibody is available for research use only.



IHC testing of FFPE human breast carcinoma with GRP94 antibody (clone SRPR90b). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.

Description

Heat shock protein 90kDa beta member 1, known also as endoplasmin, gp96, grp94 and ERp99, is an HSP90 paralogue that is found in the endoplasmic reticulum. It plays critical roles in folding proteins in the secretory pathway such as Toll-like receptors and integrins. It has been implicated as an essential immune chaperone to regulate both innate and adaptive immunity. [Wiki]

Application Notes

Titering of the GRP94 antibody may be required for optimal performance.

1. 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 HSP90B1 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).