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36-1766: Monoclonal Antibody to GRP94 / HSP90B1 (Endoplasmic Reticulum Marker)(Clone : HSP90B1/1192)

Clonality :	Monoclonal
Clone Name :	HSP90B1/1192
Application :	IHC
Reactivity :	Human
Gene :	HSP90B1
Gene ID :	7184
Uniprot ID :	P14625
Format :	Purified
Alternative Name :	HSP90B1,GRP94,TRA1
Isotype :	Rat IgG2a, kappa
Immunogen Information :	Recombinant full-length human HSP90B1 protein

Description

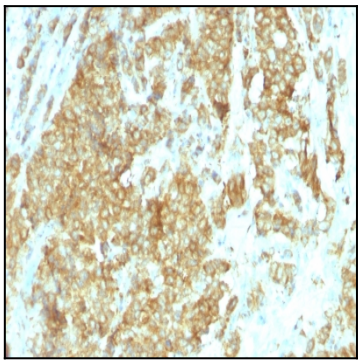
Recognizes a protein of 94kDa, which is identified as the glucose-regulated protein 94 (grp94) and also tumor rejection antigen (gp96). Grp94 shows a high degree of sequence homology with the heat shock protein 90 (hsp90). This MAb is highly specific to grp94 and shows minimal cross-reaction with other members of the HSP90 family. 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.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GRP94 Monoclonal Antibody (HSP90B1/1192).