

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

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| 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

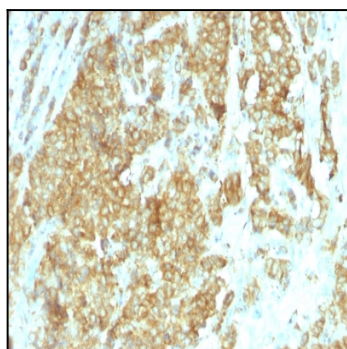
Recognizes a protein of 94kDa, which is identified as the glucose-regulated protein 94 (grp94) and also tumor rejection antigen (gp96). Grp94 shows a high degree of sequence homology with the heat shock protein 90 (hsp90). This MAb is highly specific to grp94 and shows minimal cross-reaction with other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

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| 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°C followed by cooling at RT for 20 minutes);



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