

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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: $100 \mu g$

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

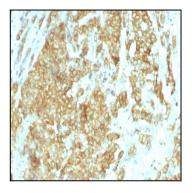
toxic.

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).