

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

Email: info@abeomics.com

36-1036: Monoclonal Antibody to HCG-alpha (Pregnancy & Choriocarcinoma Marker)(Clone: SPM552)

Clonality: Monoclonal SPM552 **Clone Name:** Application: IHC Reactivity: Human Gene: CGA Gene ID: 1081 **Uniprot ID:** P01215 Format: **Purified Alternative Name:** CGA

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant hCG alpha protein

Description

This MAb reacts with a protein of ~13kDa, identified as alpha sub-unit of HCG. HCG is a glycoprotein, which is secreted in large quantities by normal trophoblasts. It is present only in trace amounts in non-pregnant urine and sera but rises sharply during pregnancy. HCG is composed of two non-identical, non-covalently linked polypeptide chains designated as the alpha and beta subunits. The alpha subunit is identical to that of thyroid stimulating hormone (TSH), follicle stimulating hormone (FSH), and luteinizing hormone (LH).

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

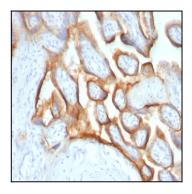
toxic.

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 Placenta stained with hCG alpha Monoclonal Antibody (SPM552).