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Bhubaneswar, Odisha - 751024, INDIA

36-1675: Monoclonal Antibody to Sex Hormone Binding Globulin (SHBG)(Clone: SHBG/245)

Clonality: Monoclonal Clone Name: SHBG/245 Application: ELISA.IHC Reactivity: Human Gene: **SHBG** Gene ID: 6462 **Uniprot ID:** P04278 Format: Purified **Alternative Name:** SHBG

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant full-length human SHBG protein

Description

Recognizes a protein of 45kDa, identified as SHBG. It functions as an androgen transport protein, but may also be involved in receptor-mediated processes. Each dimer binds one molecule of steroid. It is specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. SHBG regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration. In testis, it is synthesized by the Sertoli cells, secreted into the lumen of the seminiferous tubule and transported to the epididymis.

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:

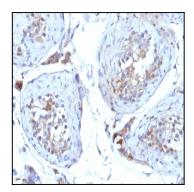
Storage condition:

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

ELISA (For coating, order Ab without BSA); ,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 Testicular Carcinoma stained with SHBG Monoclonal Antibody (SHBG/245)