

36-1676: Monoclonal Antibody to Sex Hormone Binding Globulin (SHBG)(Clone : SPM605)

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| Clonality : | Monoclonal |
| Clone Name : | SPM605 |
| Application : | FACS,IF,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

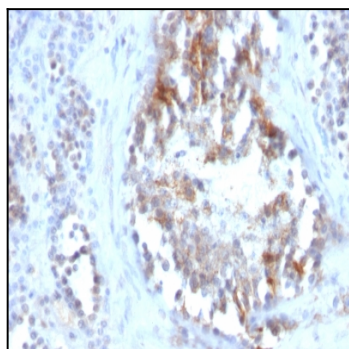
Recognizes a protein of 45kDa, identified as SHBG. It functions as an androgen transport protein, but may also be involved in receptor-mediated processes. Each dimer binds one molecule of steroid. It is specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. SHBG regulates the 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

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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

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); 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 (SPM605)