

Datasheet for ABIN6940577

anti-SHBG antibody

1 Image

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Overview

Quantity:	100 µg
Target:	SHBG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SHBG antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human SHBG protein
Clone:	SPM605
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 45 kDa, 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.
Purification:	Purified by Protein A/G

Target Details

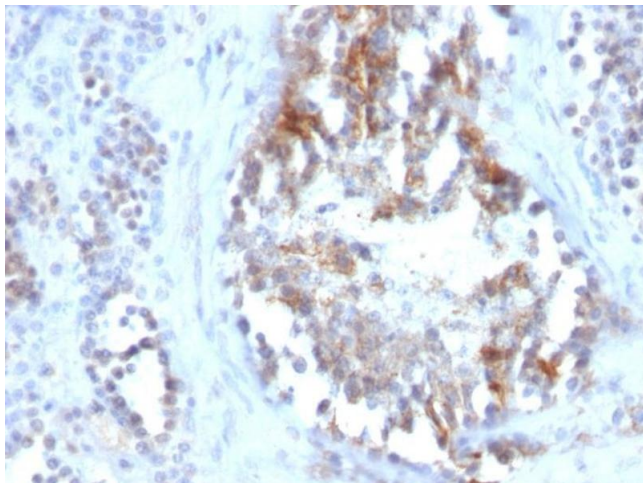
Target:	SHBG
Alternative Name:	SHBG (SHBG Products)
Molecular Weight:	45kDa
Gene ID:	6462
UniProt:	P04278
Pathways:	Hormone Transport

Application Details

Application Notes:	<p>Positive Control: Liver, Placenta or Testis.</p> <p>Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.</p>
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with SHBG Monoclonal Antibody (SPM605)