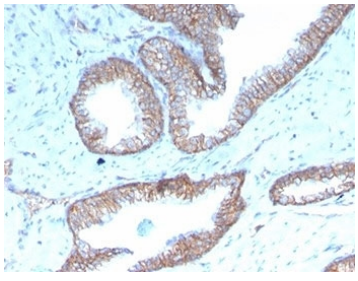
Recombinant SHBG Antibody / Sex Hormone Binding Globulin [clone rSHBG/245] (V9580)

Catalog No.	Formulation	Size
V9580-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9580-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9580SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

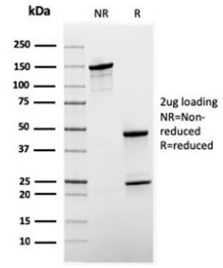
Recombinant | MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rSHBG/245
Purity	Protein A/G affinity
UniProt	P04278
Localization	Cytoplasm, Extracellular (Secreted)
Applications	ELISA (order BSA-free format for coating) Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant SHBG antibody is available for research use only.



IHC staining of FFPE human prostate tissue with recombinant SHBG antibody (clone rSHBG/245). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant SHBG antibody (clone rSHBG/245) as confirmation of integrity and purity.

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.

Application Notes

Optimal dilution of the recombinant SHBG antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the recombinant SHBG antibody.

Storage

Aliquot the recombinant SHBG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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