Recombinant Sex Hormone Binding Globulin Antibody / SHBG [clone rSHBG/4447] (V9582)

Catalog No.	Formulation	Size
V9582-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9582-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9582SAF-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 IgG2a, kappa
Clone Name	rSHBG/4447
Purity	Protein A/G affinity
UniProt	P04278
Localization	Cytoplasmic & Extracellular (Secreted)
Applications	ELISA (order BSA-free format for coating) Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant Sex Hormone Binding Globulin antibody is available for research use only.



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 Sex Hormone Binding Globulin antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the recombinant Sex Hormone Binding Globulin antibody.

Storage

Aliquot the recombinant Sex Hormone Binding Globulin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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