

Sex Hormone Binding Globulin (SHBG) Antibody

Mouse Monoclonal Antibody [Clone SHBG/8925]

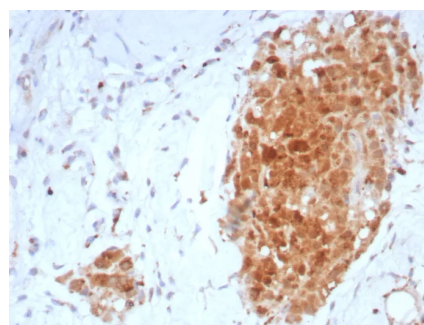
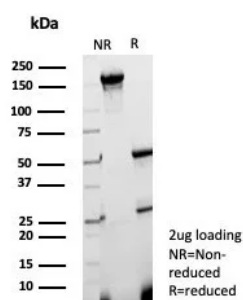
Catalog No	Format	Size
6462-MSM25-P0	Purified Ab with BSA and Azide	200ug/ml
6462-MSM25-P1	Purified Ab with BSA and Azide	200ug/ml
6462-MSM25-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details	
Clone	SHBG/8925
Gene Name	SHBG
Immunogen	Recombinant full-length human SHBG protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	45kDa
Cellular Localization	Cytoplasm. Extracellular (Secreted).
Species Reactivity	Human
Positive Control	Human liver placenta or testis.

**Optimal dilution for a specific application should be determined.*

Product Images for Sex Hormone Binding Globulin (SHBG) Antibody



SDS-PAGE Analysis of Purified SHBG Mouse Monoclonal Antibody (SHBG/8925). Confirmation of Integrity and Purity of Antibody.

Formalin-fixed, paraffin-embedded human testis stained with SHBG Mouse Monoclonal Antibody (SHBG/8925). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

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.

Research Areas

Cardiovascular

Known Applications & Suggested Dilutions

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),Optimal dilution for a specific application should be determined.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.