

## Sex Hormone Binding Globulin (SHBG) Antibody

Mouse Monoclonal Antibody [Clone SHBG/6648]

| Catalog No       | Format                                       | Size   |
|------------------|--|--------|
| 6462-MSM18-P0    | Purified Ab with BSA and Azide at 200ug/ml   | 20 ug  |
| 6462-MSM18-P1    | Purified Ab with BSA and Azide at 200ug/ml   | 100 ug |
| 6462-MSM18-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications               | Tested Dillution | Note  |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml         | 30 min 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 |

### Product Details

|                        |   |
|------------------------|---|
| Clone                  | SHBG/6648   |
| Immunogen              | Recombinant fragment (around aa 62-163) of human SHBG protein |
| Host                   | Mouse   |
| Clonality              | Monoclonal  |
| Isotype / Light Chain  | IgG2 / Kappa  |
| Mol. Weight of Antigen | 43.78kDa  |
| Cellular Localization  | Secreted  |
| Species Reactivity     | Human   |
| Positive Control       | Isoform 1 and isoform 2 are present in liver and testis       |

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

### Product Images for Sex Hormone Binding Globulin (SHBG) Antibody

#### Specificity & Comments

Functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. Specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. 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.

#### 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.