Luteinizing Hormone / Choriogonadotropin Receptor (LHCGR) Antibody

Mouse Monoclonal Antibody [Clone LHCGR/1417]

Catalog No	Format	Size
3973-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3973-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3973-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

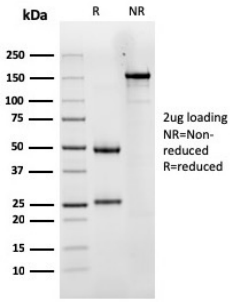
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	LHCGR/1417
Gene Name	LHCGR
Immunogen	Recombinant fragment (around aa 70-410) of human LHCGR protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	78-85kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	HepG2 or Jurkat cells. Ovarian Carcinoma.

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

Product Images for Luteinizing Hormone / Choriogonadotropin Receptor (LHCGR) Antibody



SDS-PAGE Analysis Purified LHCGR Mouse Monoclonal Antibody (LHCGR/1417). Confirmation of Integrity and Purity of Antibody

Specificity & Comments

Recognizes a protein of 78-85kDa, which is identified as Luteinizing hormone / choriogonadotropin receptor. Luteinizing hormone plays a role in spermatogenesis and ovulation by stimulating the testes and ovaries to produce steroids. Choriogonadotropin production in the placenta maintains estrogen and progesterone levels during the first trimester of pregnancy. Ovaries and testes abundantly express luteinizing hormone / choriogonadotropin receptor (LHCGR) as a seven transmembrane, G protein-coupled receptor glycoprotein. LHCGR influences the protective effect of pregnancy and Gonadotropin against breast cancer. The expression of LHCGR on breast carcinoma correlates in part to the degree of tumor differentiation. LHCGR -positive breast tumors occur more frequently in tumors with greater cell differentiation in premenopausal women.

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.

Research Areas

Signal Transduction

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.