Recombinant GnRH-Receptor / LH-RH Receptor Antibody

Mouse Monoclonal Antibody [Clone rGNRHR/6538]

Catalog No	Format	Size
2798-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2798-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2798-MSM5-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	rGNRHR/6538
Immunogen	Recombinant fragment (around aa1-29) of the human GnRH-Receptor (LHRH Receptor) protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	37.73kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Pituitary, ovary, testis, breast and prostate but not in liver and spleen

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

Product Images for Recombinant GnRH-Receptor / LH-RH Receptor Antibody

Specificity & Comments

Receptor for gonadotropin releasing hormone (GnRH) that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). This receptor mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform 2 may act as an inhibitor of GnRH-R signaling.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.