

Datasheet for ABIN6295521
anti-GNRHR antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GNRHR
Binding Specificity:	AA 1-29, N-Term
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNRHR antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse anti-Human/Rat GnRH Receptor Antibody [Sodium Azide Free]
Immunogen:	A synthetic peptide aa 1-29 (MANSASPEQNQHCSAINNSIPLMQGNLPY) from the N-terminal of human GnRHR was used as the immunogen for the GnRH Receptor antibody.
Specificity:	Cytoplasmic
Purification:	A synthetic peptide aa 1-29 (MANSASPEQNQHCSAINNSIPLMQGNLPY) from the N-terminal of human GnRHR was used as the immunogen for the GnRH Receptor antibody.

Target Details

Target:	GNRHR
Alternative Name:	Gonadotropin-releasing hormone receptor (GNRHR Products)

Target Details

Background:	Target Description: Recognizes an epitope on the extracellular domain of gonadotropin releasing hormone (GnRH) receptor or luteinizing hormone receptor (LHCGR). Lutropin (also designated luteinizing hormone) plays a role in spermatogenesis and ovulation by stimulating the testes and ovaries to produce steroids. Gonadotropin (also designated 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. GnRH receptor contains seven hydrophobic transmembrane domains connected by hydrophilic extracellular and intracellular loops characteristic of G-protein coupled receptors. GnRH stimulates the gonadotrophs of the anterior pituitary to secrete luteinizing hormone (LH) as well as follicle-stimulating hormone (FSH). GnRH influences the protective effect of pregnancy and Gonadotropin against breast cancer. The expression of GnRH on breast carcinoma correlates in part to the degree of tumor differentiation. GnRH-positive breast tumors occur more frequently in tumors with greater cell differentiation in premenopausal women. GnRH is present in luteal and granulosa cells as well as in ovarian cell membrane preparations. Gene Symbol: GNRHR///GRHR
Gene ID:	2798
UniProt:	P30968

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 1-2 µg/mL Immunohistochemistry (FFPE): 1-2 µg/mL for 30 min at RT (1) Prediluted format: incubate for 30 min at RT (2)
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Restrictions:	For Research Use only
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Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.