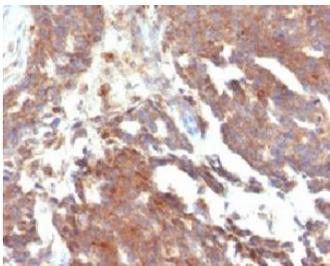


## GnRHR Antibody [clone LCHR37] (V7098)

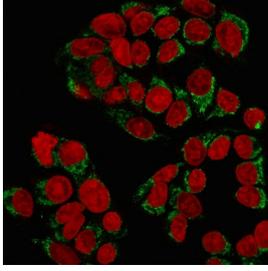
Catalog No.	Formulation	Size
V7098-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7098-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7098SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7098IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	LCHR37
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P30968
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (2)
<b>Limitations</b>	This GnRHR antibody is available for research use only.



IHC testing of FFPE human ovarian carcinoma and GnRHR antibody (clone LCHR37). Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 min.



Immunofluorescent staining of MeOH-fixed human MCF7 cells with GnRHR antibody (green) and Reddot nuclear stain (red).

## Description

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. [UniProt]

## Application Notes

Optimal dilution of the GnRHR antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant full-length human protein was used as the immunogen for the GnRHR antibody.

## Storage

Store the GnRHR antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).