Category:	Cat. #	Product Name
Monoclonal Antibodies	V7078	**GNRH Receptor- B470**

Description:
Monoclonal Mouse Anti-Human GnRH Receptor.

Immunogen:
BSA-conjugated peptide (amino acids1-29) of human GnrH receptor extracellular domain.

Application:
Immunohistochemistry 1:50-1:100.
ELISA 1:1000-1:3000.
Flow Cytometry 1:150-1:300.
Western Blot 1:200-1:500.
-THE OPTIMAL DILUTION SHOULD BE DETERMINED BY THE INDIVIDUAL LAB.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Pituitary Tissue.

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good dilutent to use with most antibodies.

Staining Procedure:
This antibody canbe used on frozen tissue sections. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with GnrH receptors found in the anterior pituitary. GnrH functions as a stimulator of gonadotrophs to release luteinizing hormone (LH) and follicle stimulating hormone (FSH).

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.2mg
Clone: B470 (A9E4)
Isotype: IgG1
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Karande, A.A. etal, Molec. Cell Endocrinol. 114:51-56, 1995.
2. Grosse, R. etal, Molecular Endocrinology, 11(9):1305-1318, 1997.
3. Jennes, L. etal, Recent Progress in Hormone Research, 52:475-490, 1997.
4. Fraser, H.M. etal, Mol. Hum. Reprod. 2(2):117-121, 1996.
5. Aora, K.K. etal, Molecular Endocrinology, 11(9):1203-1212, 1997.

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