Estrogen Receptor and Progesterone Receptor (duo pack)

Cat. No. VP-E611

Intended Use: FOR RESEARCH USE ONLY

The Estrogen Receptor and Progesterone Receptor duo pack contains:

1 x 0.5 ml Estrogen Receptor (clone 6F11)
1 x 0.5 ml Progesterone Receptor (clone 16)
Antibody to Estrogen Receptor

Product Specifications

Description
Estrogen Receptor mouse monoclonal antibody

Immunoglobulin class: IgG1

Clone: 6F11

Immunogen: Prokaryotic recombinant protein representing the full length alpha form of the estrogen receptor molecule.

Epitope: Within first 184 amino acids of estrogen receptor molecule.

Presentation: Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 0.5 ml of distilled water.

Species cross-reactivity: Human, monkey, and rabbit.

Storage Conditions: Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that the stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

Applications:

Immunohistochemistry
Paraffin sections: Antigen unmasking recommended
Frozen sections: Zamboni’s fixative 10 minutes at 25 °C.
Working Dilution*: 1:40 - 1:80 for 1 hour at 25 °C
Positive Control: Uterus. Nuclear staining pattern.

Western blotting
Working Dilution*: 1:50 - 1:100
Positive Control: MCF-7 cell line

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

Functional Aspects:
Estrogen receptor (ER) is expressed in a variety of different tissues but is found most prominently in the female reproductive tract. A large amount of research has focused on the differential expression of ER in human breast cancer. This antibody will help detect the presence of ER in tissues and cell lines.

Selected References

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Antibody to Progesterone Receptor

Product Specifications

**Description**

Progesterone Receptor mouse monoclonal antibody

**Immunoglobulin class:** IgG1

**Clone:** 16

**Immunogen:** Recombinant protein representing the N-terminal region of the A form of human progesterone receptor.

**Epitope:** See Immunogen.

**Presentation:**

Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 0.5 ml of distilled water.

**Species cross-reactivity:** Human

**Storage Conditions:**

Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that the stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**

Paraffin sections: Antigen unmasking recommended.

Frozen sections: Zamboni’s fixative, 10 minutes at 25 °C.

Working Dilution*: 1:100 - 1:200 for 1 hour at 25 °C.

Positive Control: Breast carcinoma, uterus. Nuclear staining pattern.

**Western blotting**

Working Dilution*: 1:20,000 - 1:40,000

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**

Progesterone receptor (PR) is expressed in a variety of different tissues but is found most prominently in the female reproductive tract. A large amount of research has focused on the differential expression of PR in human breast and uterine cancers. This antibody will help detect the presence of PR in tissues and cell lines.

**Selected References**


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