**Antibody to** Glucocorticoid Receptor

**Product Specifications**

**Description:**
Glucocorticoid Receptor mouse monoclonal antibody

**Immunoglobulin class:** IgG2a

**Clone:** 4H2

**Immunogen:** Recombinant protein representing the amino-terminus of the glucocorticoid receptor.

**Epitope:** Not determined.

**Presentation:** Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 1 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 reconstituted 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: No
- Working Dilution*: 1:10 - 1:20 for 1 hr at 25°C.
- Positive Control: Proliferative breast carcinoma. Nuclear staining pattern.

**Western blotting:**
- Working Dilution*: 1:100 - 1:250
- Positive Control: MCF7

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
Glucocorticoid receptor is expressed in many cell types and responds to circulating glucocorticoids to mediate cell growth, differentiation or apoptosis. This antibody will help detect glucocorticoid receptor in normal and uncharacterized tissues.

**Selected References**