**Monoclonal Anti-human ERRβ/NR3B2 Antibody**

**Description**
Estrogen-Related Receptor beta (ERRβ, ERR2; NR3B2) is a member of the Orphan Nuclear Receptor family. ERRβ is expressed in the cerebellum, cerebrum, intestine, kidney, and retina. ERRβ has a role in early placental development.

**Preparation**
Produced in BALB/c mouse ascites inoculated with a hybridoma of spleen cells of a BALB/c mouse immunized with recombinant human ERR beta (3 - 100 aa) and mouse myeloma cells (NS-1). The IgG fraction of the ascites fluid was purified by ammonium sulfate fractionation.

**Formulation**
A liquid formulation in physiologic saline with 0.1% NaN₃.

**Storage**
This antibody is stable for greater than six months when held at -20 °C in a manual defrost freezer or at -70 °C. Upon thawing, the antibody can be stored at 2-8 °C for at least 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

**Specificity**
This antibody specifically recognizes human ERRβ and does not cross-react with ERRα or ERRγ. Not yet tested in other species.

**Applications**
- **Western Blot** - This antibody can be used at 1 μg/mL under reducing and non-reducing conditions with the appropriate secondary reagents to detect human ERRβ.
- **Direct ELISA** - This antibody can be used at 0.2 μg/mL with the appropriate secondary reagents to detect human ERRβ.
- **Immunoprecipitation** - Optimal dilutions should be determined by each laboratory.

Optimal dilutions should be determined by each laboratory for each application.

**Caution:** Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.