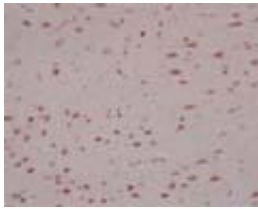
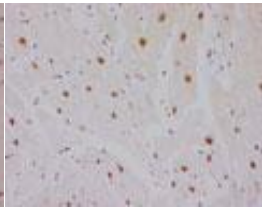


## Anti human ERR alpha mouse monoclonal antibody

ERR alpha: Estrogen-Related Receptor alpha

<p><b>Code No</b> PP-H5844-10</p> <hr/> <p><b>Clone No.</b> H5844</p> <hr/> <p><b>Batch</b> A2F1</p> <hr/> <p><b>Size</b> 100ug lyophilized antibody</p> <hr/> <p><b>Formulation</b> Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.</p> <hr/> <p><b>Ig Class</b> G2a</p> <hr/> <p><b>Nomenclature</b> NR3B1</p> <hr/> <p><b>Genbank</b> X51416</p> <hr/> <p><b>Description</b> Estrogen-related receptor alpha (ERRα, ERR1, ESRL1; NR3B1) is a member of orphan nuclear receptor. ERRα is expressed in liver, kidney, brain, heart, uterus, vagina and cervix. The protein is expressed with a major 53 kDa in the reproductive tissues. ERRα takes part at the cell cycle and the fatty acid metabolizing of the musculus skeleti. ERRα was shown to interact with ERα.</p> <hr/> <p><b>Origin</b> Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human ERR alpha1 (98-171 aa) .</p> <hr/> <p><b>Specificity</b> This antibody specifically recognizes human ERR alpha and cross reacts with mouse and rat ERR alpha. This antibody does not recognize human ERR beta and gamma.</p> <hr/> <p><b>Purification</b> Ammonium sulfate fractionation</p>	<p><b>Application / Recommended Concentration</b></p> <p>In order to obtain the best results, optimal working dilutions should be determined by each individual user.</p> <hr/> <table border="0"> <tr> <td><b>Western Blot</b></td> <td>1 ug/mL</td> </tr> <tr> <td><b>Non-reducing Western Blot</b></td> <td>3 ug/mL</td> </tr> <tr> <td><b>ELISA</b></td> <td>0.3 ug/mL</td> </tr> <tr> <td><b>Immunoprecipitation</b></td> <td>Decide by use</td> </tr> <tr> <td><b>Supershift Assay</b></td> <td>Not yet tested</td> </tr> <tr> <td><b>Chromatin immunoprecipitation</b></td> <td>Not yet tested</td> </tr> <tr> <td><b>Immunohistochemistry</b></td> <td>1-10 ug/mL</td> </tr> </table> <hr/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Rat Cerebrum paraffin section</p> </div> <div style="text-align: center;">  <p>Human Heart Myocardium paraffin section</p> </div> </div> <hr/> <p><b>Reconstitution</b> Reconstitute with desired volume of distilled water. Reconstitution in 0.1 ml of distilled water yields an antibody concentration of 1mg/ml. Please note reconstituted solution will contain original PBS and 5% Treharose (see Formulation).</p> <hr/> <p><b>Storage</b> Lyophilized samples are stable for twelve months when held at 2 - 8 C. Upon reconstitution, the antibody can be stored at 2 - 8 C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.</p> <hr/> <p><b>Reference</b> Suzuki T, et al., Cancer Research, 64(13): 4670-4676, 2004.</p> <hr/> <p><b>Notes</b></p>	<b>Western Blot</b>	1 ug/mL	<b>Non-reducing Western Blot</b>	3 ug/mL	<b>ELISA</b>	0.3 ug/mL	<b>Immunoprecipitation</b>	Decide by use	<b>Supershift Assay</b>	Not yet tested	<b>Chromatin immunoprecipitation</b>	Not yet tested	<b>Immunohistochemistry</b>	1-10 ug/mL
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Apr 17, 2008