

产品名称: ER-alpha Mouse Monoclonal Antibody
产品货号: AMM80529



产品概述 (Summary)

产品名称 (Production Name)	ER-alpha Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ER-alpha
别名 (Alternative Names)	ER; ESR1; Era; ESRA
基因 ID (Gene ID)	2099.0
蛋白 ID (SwissProt ID)	P03372.Purified recombinant fragment of human ER-alpha (410-592aa) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	66kDa

研究背景 (Background)

The estrogen receptor (ER) is a ligand-activated transcription factor composed of several domains important for hormone

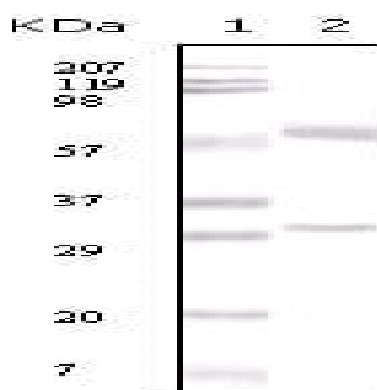
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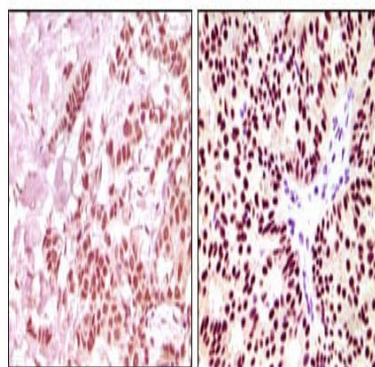
binding, DNA binding, and activation of transcription. Alternative splicing results in several ER mRNA transcripts, which differ primarily in their 5-prime untranslated regions. Two isoforms of the human ER, ERA and ER-beta, occur, each with distinct tissue and cell patterns of expression. Pelletier and El-Alfy (2000) studied the immunocytochemical localization of ESRA and ESRB in human reproductive tissues. In the ovary, ERB immunoreactivity was found in nuclei of granulosa cells of growing follicles at all stages from primary to mature follicles, interstitial gland, and germinal epithelium cells. Nuclear staining for ERA occurred in thecal, interstitial gland, and germinal epithelium cells. In the uterus, strong ERA immunoreactivity was detected in nuclei of epithelial, stromal, and muscle cells.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using ER-alpha mouse mAb against human breast carcinoma tissue lysate.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using ER-alpha mouse mAb showing nuclear expression with DAB staining.

注意事项 (Note)

For research use only .