

产品名称: ESR1 Mouse Monoclonal Antibody
产品货号: AMM80889



产品概述 (Summary)

产品名称 (Production Name)	ESR1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,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)	ESR1
别名 (Alternative Names)	ER; ESR; Era; ESRA; NR3A1; DKFZp686N23123; ESR1
基因 ID (Gene ID)	2099.0
蛋白 ID (SwissProt ID)	P03372.Purified recombinant fragment of human ESR1 expressed in E. Coli.

产品应用 (Application)

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

研究背景 (Background)

This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a

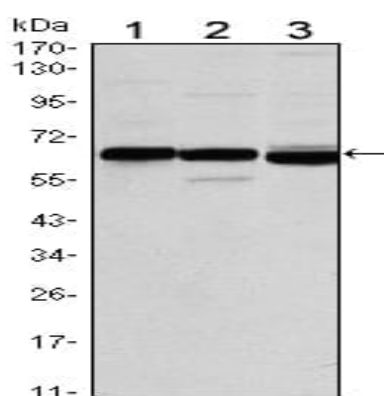
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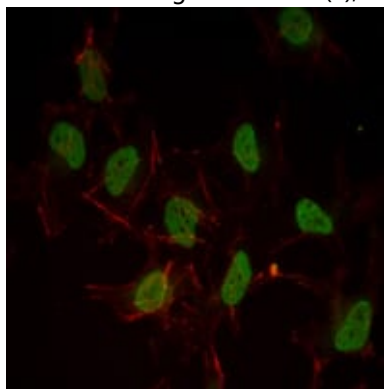
homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis.

研究领域 (Research Area)

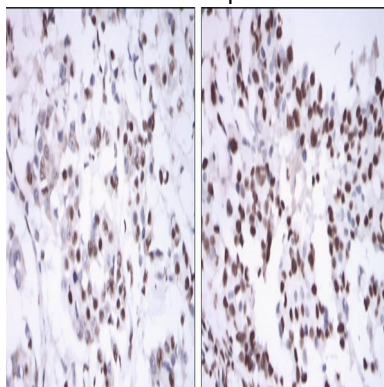
图片 (Image Data)



Western blot analysis using ESR1 mouse mAb against MCF-7 (1), T47D (2) and SKBR3 (3) cell lysate.



Immunofluorescence analysis of HeLa cells using ESR1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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Immunohistochemical analysis of paraffin-embedded human mammary cancer tissues using ESR1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .