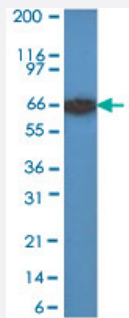


ESR1 monoclonal antibody, clone SPM567

Catalog # MAB12085

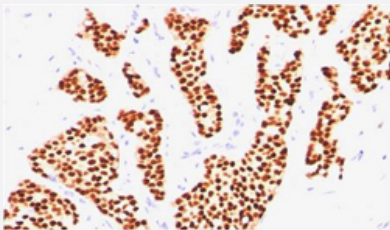
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of MCF-7 lysate with ESR1 monoclonal antibody, clone SPM567 (Cat # MAB12085).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast invasive carcinoma with ESR1 monoclonal antibody, clone SPM567 (Cat # MAB12085).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant ESR1.
Immunogen	Recombinant protein containing amino acids 2-185 of human ESR1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa

Recommend Usage	Immunohistochemistry (1-2 ug/mL) Western blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of MCF-7 lysate with ESR1 monoclonal antibody, clone SPM567 (Cat # MAB12085).

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Gene Info — ESR1

Entrez GeneID	2099
Protein Accession#	P03372
Gene Name	ESR1
Gene Alias	DKFZp686N23123, ER, ESR, ESRA, Era, NR3A1
Gene Description	estrogen receptor 1
Omim ID	133430 157300 608446
Gene Ontology	Hyperlink
Gene Summary	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 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. Alternative splicing results in several transcript variants, which differ in their 5' UTRs and use different promoters. [provided by RefSeq]

Disease

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- [Antisocial Personality Disorder](#)
- [Aortic Aneurysm](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
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- [Bipolar Disorder](#)
- [Body Weight](#)

- [Bone Diseases](#)
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- [Bone Resorption](#)
- [Borderline Personality Disorder](#)
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- [Breast cancer](#)
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- [Seminoma](#)
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- [Spinal Osteophytosis](#)
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- [Tension-Type Headache](#)
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- [Vertigo](#)
- [Vision Disorders](#)
- [Vitiligo](#)
- [Weight Gain](#)
- [Werner syndrome](#)
- [Yang Deficiency](#)
- [Yin Deficiency](#)