


Anti-Estrogen Receptor alpha antibody [TE111.5D11] ab16460

★★★★★ [1 Abreviews](#) [10 References](#) [1 图像](#)

概述

产品名称	Anti-Estrogen Receptor alpha抗体[TE111.5D11]
描述	小鼠单克隆抗体[TE111.5D11] to Estrogen Receptor alpha
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Rabbit, Chicken, Hamster, Cow, Dog, Pig 
免疫原	Recombinant fragment corresponding to Human Estrogen Receptor alpha. Recombinant fragment, corresponding to amino acids 302-595 of Human Estrogen Receptor alpha. Database link: P03372
阳性对照	WB and Flow Cyt: MCF-7 cells.
常规说明	<p>The estrogen receptor (ER) gene consists of more than 140kb of genomic DNA divided into 8 exons, being translated into a protein with six functionally discrete domains required for transcription activation function, binding to estrogen response element (ERE) constitutive dimerization, binding to heat shock proteins, and ligand recognition. The ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.08% Sodium azide Constituent: PBS
纯度	Protein A/G purified

克隆	单克隆
克隆编号	TE111.5D11
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab16460于以下的经测试应用

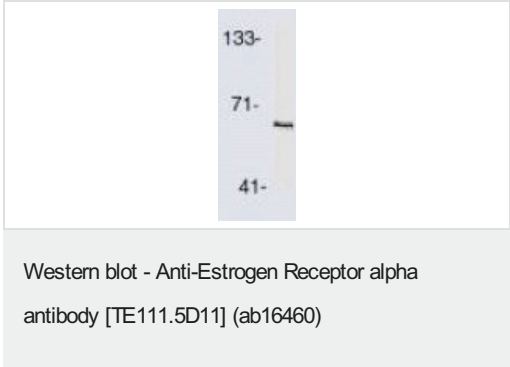
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 66 kDa).

靶标

功能	Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Can activate the transcriptional activity of TFF1.
序列相似性	Belongs to the nuclear hormone receptor family. NR3 subfamily. Contains 1 nuclear receptor DNA-binding domain.
结构域	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
翻译后修饰	Phosphorylated by cyclin A/CDK2. Phosphorylation probably enhances transcriptional activity. Glycosylated; contains N-acetylglucosamine, probably O-linked. Ubiquitinated. Deubiquitinated by OTUB1. Dimethylated by PRMT1 at Arg-260. The methylation may favor cytoplasmic localization. Palmitoylated (isoform 3). Not biotinylated (isoform 3).
细胞定位	Nucleus. Cytoplasm. Cell membrane. A minor fraction is associated with the inner membrane and Nucleus. Cytoplasm. Cell membrane. Associated with the inner membrane via palmitoylation.

图片



ab16460 at 1µg/ml detecting Estrogen Recptor from MCF-7 cells by Western blot.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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