Estrogen receptor α monoclonal antibody (C-542)

The Estrogen receptors (ER), mainly ERalpha and ERbeta, are members of the nuclear steroid hormone receptor family and are composed of three domains, an N-terminal domain required for maximal transactivation function (TAF), a DNA binding domain, and a steroid binding domain. Estrogen has pleiotropic effects on the growth, development, and maintenance of diverse tissues.

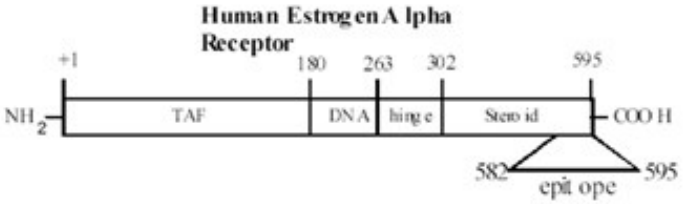
This antibody is covered by our Worry-Free Guarantee.

Citations: 8 View Online »

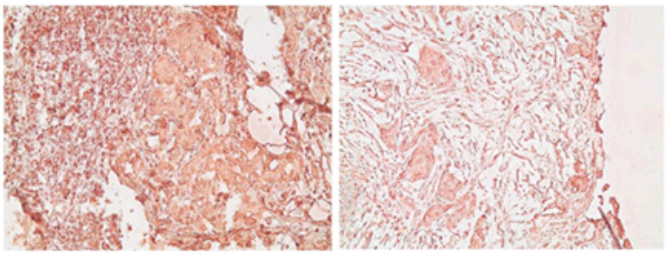
Ordering Information Order Online »

ADI-SRA-1010-D	50µg
ADI-SRA-1010-F	200µg

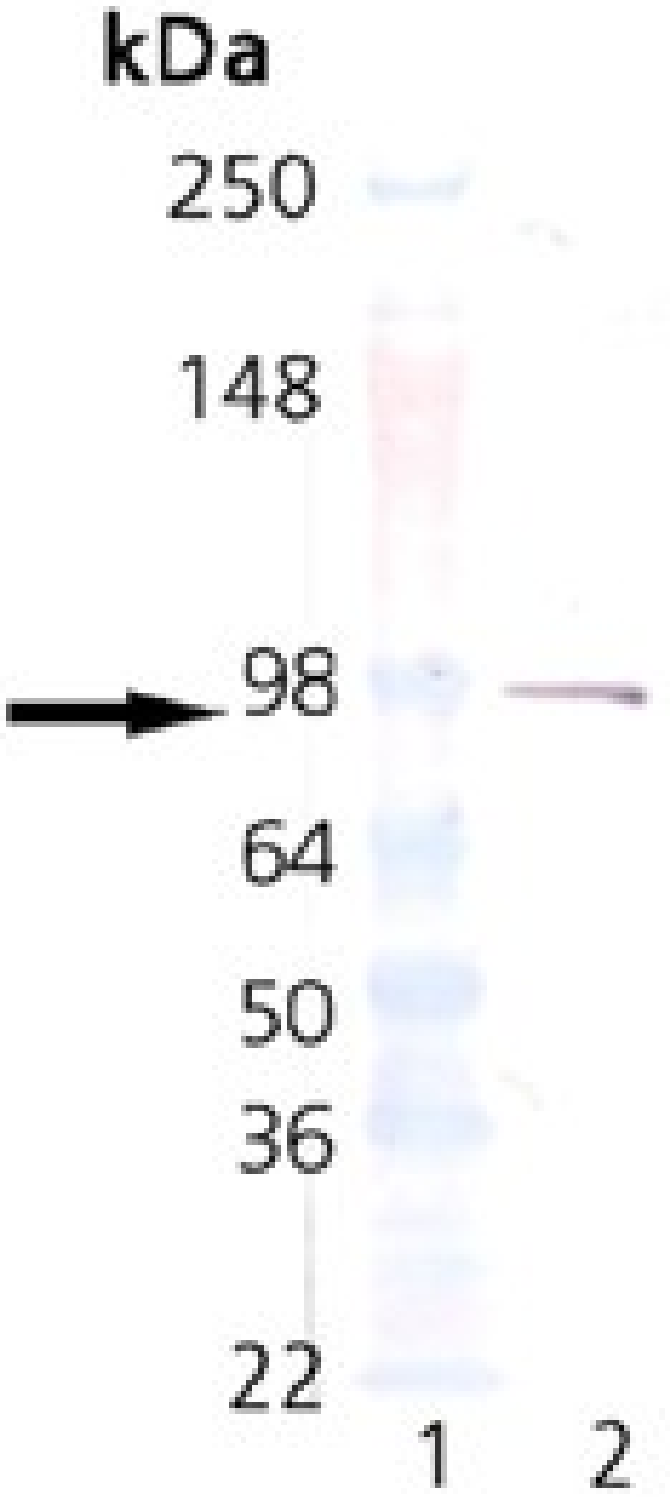
Manuals, SDS & CofA View Online »



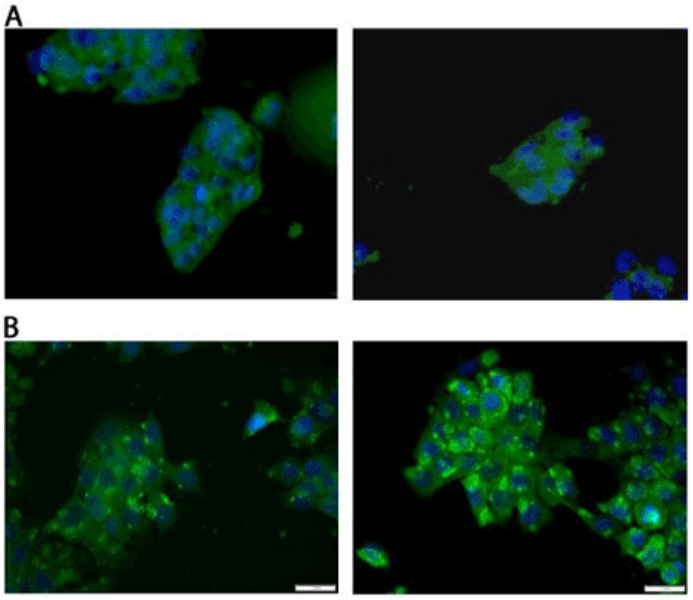
Human Estrogen Alpha Receptor domains.



Immunohistochemistry analysis of human Breast tumor tissue stained with Estrogen receptor α monoclonal antibody (C-542), (Prod. No. ADI-SRA-1010), at 20µg/ml.



Western blot analysis of Estrogen Receptor alpha mAb: Lane 1: MWM, Lane 2: Estrogen Receptor 1 (GST-tagged ER1 protein control runs at 92 kDa).



Immunocytochemistry staining of HepG2 cells (Panel A) and MCF-7 (Panel B) with Estrogen receptor α monoclonal antibody (C-542) (Prod. No. ADI-SRA-1010) at 10µg/ml.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ESR
Application	ICC, IHC, IP, WB
Application Notes	Detects a band of 66.3kDa by Western blot.
Clone	C-542
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M12674
Host	Mouse
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of human Estrogen Receptor α.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:500, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from ascites.
Species Reactivity	Hamster, Human, Mouse, Rat

UniProt ID P03372

Worry-free Guarantee **This antibody is covered by our Worry-Free Guarantee .**

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