

Anti-Estrogen Receptor α (C-terminus) Antibody

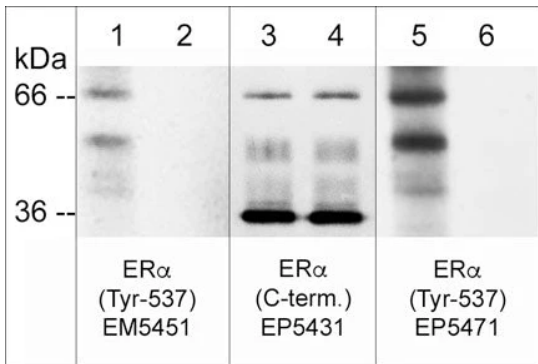


Product Details

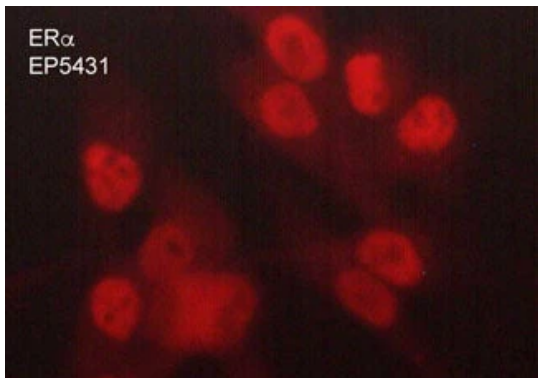
Available Variants	100 μ L (SKU:EP5431)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ESR1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:500 ICC: 1:100 IP: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	ER α (C-terminus) synthetic peptide (coupled to carrier protein) corresponds to amino acids in the C-terminus of human ER α . This sequence is well conserved in rat and mouse ER α , but is not found in ER β
Specificity	This antibody detects several forms of ER α ranging from 66 to 35 kDa* on SDS-PAGE immunoblots of MCF-7 cells treated with pervanadate, and MDA-MB-231 cells.
Molecular Weight	35-66
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	P03372
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot image of human MCF-7 cells treated with pervanadate (1 mM) for 30 min. (lanes 1-6). Some lanes of the blot were then treated with alkaline phosphatase (lanes 2, 4, & 6). The blot was probed with mouse monoclonal anti-ERα (Tyr-537) phospho-specific (lanes 1 & 2), rabbit polyclonal anti-ERα (C-terminus) (lanes 3 & 4), and rabbit polyclonal anti-ERα (Tyr-537) phospho-specific (lanes 5 & 6).



Immunocytochemical labeling of Estrogen Receptor α in paraformaldehyde fixed and NP-40 permeabilized MDA-MB-231 cells. The cells were labeled with rabbit polyclonal anti-Estrogen Receptor α (EP5431). The antibody was detected using goat anti-rabbit DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-estrogen-receptor-a-c-terminus-antibody-ep5431

