Data Sheet (Cat.No.TMAC-01395)

Anti-Phospho-ER alpha (Tyr537) Polyclonal Antibody

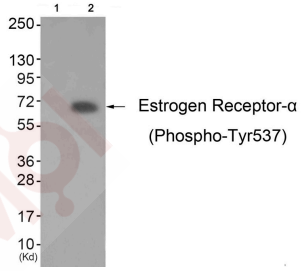
Product Details

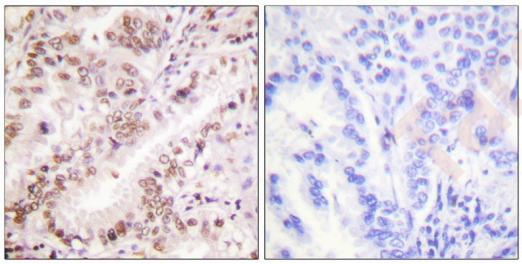
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 66 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from K562 cells (Lane 2), using Estrogen Receptor-α (Phospho-Tyr537) Antibody TMAC-01395. The lane on the left is treated with antigen-specific peptide.
2. Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Estrogen Receptor-α (Phospho-Tyr537) antibody TMAC-01395 (left)or the same antibody preincubated with blocking peptide (right).





Application:	IHC,WB
Recommended	WB: 1:500-1000; IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 537(P-L-Y(p)-D-L) derived from Human Estrogen Receptor-α
Antigen Species:	human
Uniprot ID:	P03372
Synonyms:	ER alpha (p-Tyr537);p-ER alpha (Y537);ER alpha (p-Y537);p-ER alpha (Tyr537)

Research Background

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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481