

Recombinant Anti-ESR1 Antibody (V3S-0622-YC1552)

Cat. No.: V3S-0622-YC1552

Summary

Description	This product is a monoclonal antibody derived from mouse, which can specifically recognize ESR1. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 EU/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Immunogen	Recombinant ER-α36 protein containing both ligand-binding domain and C-terminal 27 amino acids and the synthesized keyhole limpet hemocyanin (KLH) conjugated peptide
Isotype	IgG2b
Isotype Control	C21433
Secondary Antibody	C47504; C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Applications

Application ELISA; WB; FC

Application Notes The antibody is recommended for detection of ESR1 by ELISA, WB, FC assays.

Target

Target ESR1

Alternative Name ESR1; estrogen receptor 1

Gene ID [2099](#)

UniProt [P03372](#)

Introduction ER-alpha36 is a novel variant of ER-alpha, is expressed in ER-positive and-negative human breast carcinomas.

Research Area Signal Pathway

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