

Estrogen Receptor alpha Antibody (YA768)

Cat. No.:	HY-P80662
Synonyms:	Estrogen Receptor alpha Antibody (YA768) is a non-conjugated and Mouse originated monoclonal antibody about 66 kDa, targeting to Estrogen Receptor alpha (6F11). It can be used for WB assays with tag free, in the background of Transfected.
Host:	Mouse
Reactivity:	Transfected
Conjugation:	Non-conjugated
SwissProt ID:	P03372
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 66 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.				
Purity	affinity purified				
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.				
Appearance	Liquid				
Application & Dilution Ratio	<table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table>	Application	Dilution Ratio	WB	1:500-1:1,000
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WB	1:500-1:1,000				
Shipping	Shipping with blue ice.				

DESCRIPTION

Background	<p>Estrogen Receptor alpha (6F11): This gene encodes an estrogen receptor and ligand-activated transcription factor. The canonical protein contains an N-terminal ligand-independent transactivation domain, a central DNA binding domain, a hinge domain, and a C-terminal ligand-dependent transactivation domain. The protein localizes to the nucleus where it may form either a homodimer or a heterodimer with estrogen receptor 2. The protein encoded by this gene regulates the transcription of many estrogen-inducible genes that play a role in growth, metabolism, sexual development, gestation, and other reproductive functions and is expressed in many non-reproductive tissues. The receptor encoded by this gene plays a key role in breast cancer, endometrial cancer, and osteoporosis. This gene is reported to have dozens of transcript variants due to the use of alternate promoters and alternative splicing, however, the full-length nature of many of these variants remain uncertain. [provided by RefSeq, Jul 2020]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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