Datasheet for ABIN7538886

anti-Estrogen Receptor alpha antibody

2 Images

Go to Product page

Overview

Quantity:	1 mL
Target:	Estrogen Receptor alpha (ESR1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Estrogen Receptor alpha antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Heat-induced Epitope Retrieval (HIER)

Product Details

Purpose:	Liquid Mouse Monoclonal Antibody Estrogen Receptor
Immunogen:	Prokaryotic recombinant protein corresponding to the full length alpha form of the human estrogen receptor molecule.
Clone:	6F11
Isotype:	IgG1
Specificity:	Human estrogen receptor.
Characteristics:	This product is intended for the qualitative identification by light microscopy of Estrogen Receptor molecules in paraffin sections.
Purification:	Tissue culture supernatant

Target Details

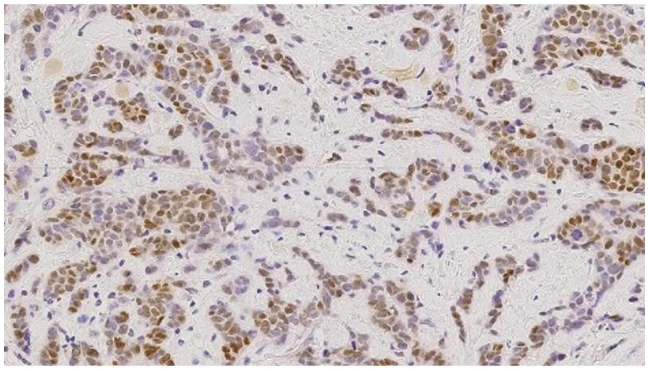
Target:	Estrogen Receptor alpha (ESR1)
Alternative Name:	Estrogen Receptor (ESR1 Products)
Pathways:	Nuclear Receptor Transcription Pathway, EGFR Signaling Pathway, Retinoic Acid Receptor Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

Application Notes:	Immunohistochemistry on paraffin sections. Heat Induced Epitope Retrieval (HIER): Epitope Retrieval Solution pH 6. Suggested dilution: 1:50 for 30 minutes at 25 °C. This is provided as a guide and users should determine their own optimal working dilutions. Immunohistochemical (IHC) staining techniques allow for the visualization of antigens via the sequential application of a specific antibody to the antigen (primary antibody), a secondary antibody to the primary antibody and an enzyme complex with a chromogenic substrate with interposed washing steps. The enzymatic activation of the chromogen results in a visible reaction product at the antigen site. The specimen may then be counterstained and coverslipped. Results are interpreted using a light microscope.
Restrictions:	For Research Use only

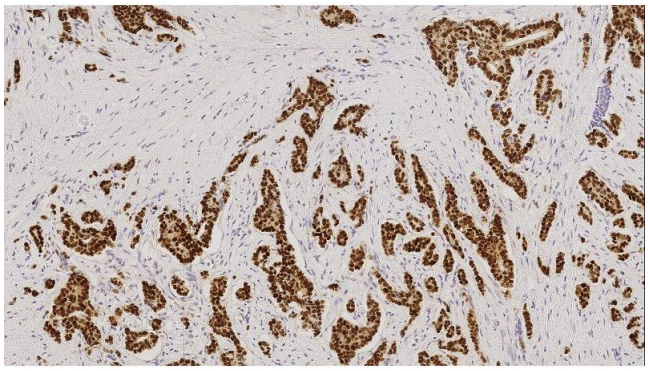
Handling

Format:	Liquid
Concentration:	67.5 mg/L
Buffer:	This product is a liquid tissue culture supernatant containing sodium azide as a preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.
Expiry Date:	12 months



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Left: Invasive ductal carcinoma (high expressor): intense nuclear staining in nearly 100 % of tumor cells. Right: Invasive ductal carcinoma (moderate expressor): immunohistochemical staining for estrogen receptor. Note the heterogeneous nuclear staining of approximately 50 % of tumor cells. Estrogen Receptor: clone 6F11

