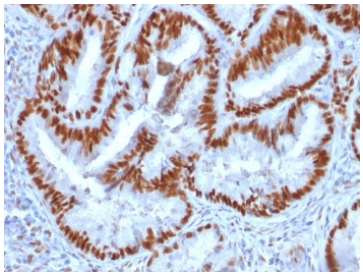
Estrogen Receptor alpha Antibody [clone 1D5] (V7746)

Catalog No.	Formulation	Size
V7746-0.5ML	Culture supernatant with 0.05% sodium azide	0.5 ml
V7746-0.1ML	Culture supernatant with 0.05% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Culture supernatant
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1D5
Purity	Culture supernatant
UniProt	P03372
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1:100-1:200
Limitations	This Estrogen Receptor alpha antibody is available for research use only.



IHC staining of FFPE human endometrial carcinoma with Estrogen Receptor alpha antibody (clone 1D5). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

This monoclonal antibody is specific to estrogen receptor alpha (ER alpha) and shows minimal cross-reaction with other members of the family. ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy. It strongly stains nuclei of epithelial cells in breast carcinomas.

For a microarray-validated Estrogen receptor alpha antibody supporting high-specificity detection, see clone ESR1/3557.

Application Notes

Optimal dilution of the Estrogen Receptor alpha antibody should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for this Estrogen Receptor alpha antibody.

Storage

Store the Estrogen Receptor alpha antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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