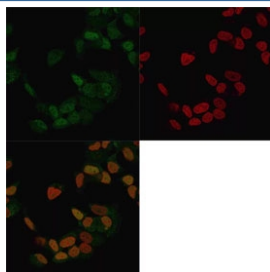


Estrogen Receptor alpha Antibody [clone ER506] (V2113CF488)

Catalog No.	Formulation	Size
V2113CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ER506
Purity	Protein G affinity chromatography
UniProt	P03372
Localization	Nuclear
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-3ug/ml
Limitations	This Estrogen Receptor alpha antibody is available for research use only.



Immunofluorescent staining of methanol-fixed human MCF7 cells with ER antibody (clone ER506, green) and Reddot nuclear stain (red).

Description

This MAb is specific to 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.

Application Notes

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

Immunogen

Recombinant human ER alpha protein (aa 2-185) was used as the immunogen.

Storage

Store the Estrogen Receptor alpha antibody at 2-8oC, protected from light.