

## 36-2249: Anti-Estrogen Receptor, alpha (Marker of Estrogen Dependence) Monoclonal Antibody(Clone: ER506)-CF488

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ER506
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	CF488
<b>Gene :</b>	ESR1
<b>Gene ID :</b>	2099
<b>Uniprot ID :</b>	P03372
<b>Alternative Name :</b>	Estrogen Receptor alpha delta 4*5,6,7*/654 isoform; Estrogen Receptor alpha delta 4 +49 isoform; Nuclear receptor subfamily 3 group A member 1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant human Estrogen Receptor alpha protein (aa2-185)

### 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.

### Product Info

<b>Amount :</b>	0.5 ml at 100µg/ml
<b>Content :</b>	Antibody Purified from Bioreactor Concentrate by Protein A/G and conjugated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format.
<b>Storage condition :</b>	Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Flow Cytometry (5ul per test per one million cells or 5ul per 100ul of whole blood);,Immunofluorescence (1:50-1:100);,