9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-1113: Monoclonal Antibody to Estrogen Receptor, alpha (Marker of Estrogen Dependence)(Clone : ER506), Conjugated with PE-PE

Clonality :	Monoclonal
Clone Name :	ER506
Application :	FACS,IF
Reactivity :	Human
Conjugate :	PE
Gene :	ESR1
Gene ID :	2099
Uniprot ID :	P03372
Format :	Purified
Alternative Name :	ESR1,ESR,NR3A1
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human Estrogen Receptor alpha protein (aa2-185)

Description

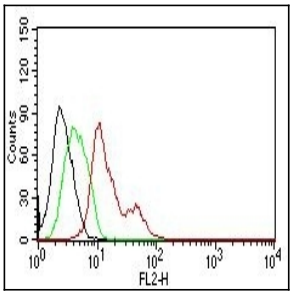
This MAb is specific to ER alpha and shows minimal cross-reaction with other members of the family. ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy.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

Product Info

Amount :	100 µg/ml, 500ul
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (5ul per test per one million cells or 5ul per 100ul of whole blood);,Immunofluorescence (1:50-1:100 for 30 minutes at RT);,



Flow Cytometry for human ER-alpha on MCF-7 Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled ER-alpha Monoclonal Antibody (ER506).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.