BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Estrogen Receptor alpha Rabbit Monoclonal Antibody

Catalog Number: M00057-4

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Overview

Product Name	Anti-Estrogen Receptor alpha Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Estrogen Receptor alpha Rabbit Monoclonal Antibody catalog # M00057-4. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 21E49
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P03372

Technical Details

Immunogen	A synthesized peptide derived from human Estrogen Receptor alpha
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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	IHC, 1:50-200 ICC/IF, 1:50-200 FC, 1:50

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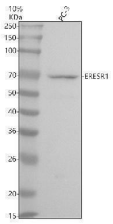
Anti-Estrogen Receptor alpha Rabbit Monoclonal Antibody (M00057-4) Images



Western blot analysis of ERESR1 using anti-ERESR1 antibody (M00057-4). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human PC-3 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ERESR1 antigen affinity purified monoclonal antibody (M00057-4) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for ERESR1 at approximately 66 kDa. The expected band size for ERESR1 is at 66 kDa.

3 Publications Citing This Product

1. PubMed ID: 10.5582/bst.2015.01161, Overexpression of C35 in breast carcinomas is associated with tumor progression and lymphnode metastasis

2. PubMed ID: 10.1007/s11596-011-0248-z, Impact of luteinized unruptured follicles on endometrial receptivity

3. PubMed ID: 10.1016/S0254-6272(09)60088-1, Effect of Yikun Neiyi Wan on the Expression of Aromatase P450, COX-2, and ER Related Receptor in Endometrial Cells in Vitro from Patients with Endometriosis

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