BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ErbB (HER4) ERBB4 Rabbit Monoclonal Antibody

Catalog Number: M00296

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Overview

Product Name	Anti-ErbB (HER4) ERBB4 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ErbB (HER4) ERBB4 Rabbit Monoclonal Antibody catalog # M00296. Tested in WB, ICC/IF, Flow Cytometry, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal HC-5
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	Q15303

Technical Details

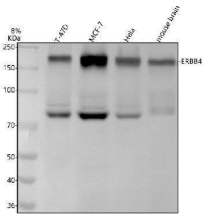
Immunogen	A synthesized peptide derived from human ErbB (HER4)
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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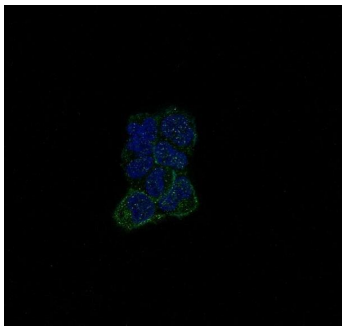
	ICC/IF, 1:50-200 IP, 1:20 FC, 1:20

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Anti-ErbB (HER4) ERBB4 Rabbit Monoclonal Antibody (M00296) Images



Western blot analysis of ERBB4 using anti-ERBB4 antibody (M00296). Electrophoresis was performed on a 8% 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 T-47D whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: mouse brain tissue 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-ERBB4 antigen affinity purified monoclonal antibody (M00296) 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 ERBB4 at approximately 180 kDa. The expected band size for ERBB4 is at 147 kDa.



Immunofluorescent analysis of A673 cells, using ErbB4 (HER4) Antibody .

Anti-ErbB (HER4) ERBB4 Rabbit Monoclonal Antibody

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