Product Datasheet

HER2 / ErbB2 Rabbit mAb

Catalog No: #62252

Package Size: #62252-1 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HER2 / ErbB2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4558
Purification	Protein A affinity purified.
Applications	WB;IF;IHC;FC
Species Reactivity	Human
Immunogen Type	Protein
Immunogen Description	Recombinant protein within Human ErbB2/ HER2
Conjugates	unconjugated
Target Name	CD340
Uniprot	P04626
Calculated MW	138 kDa
Concentration	1ug/ul
Formulation	PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Application Details

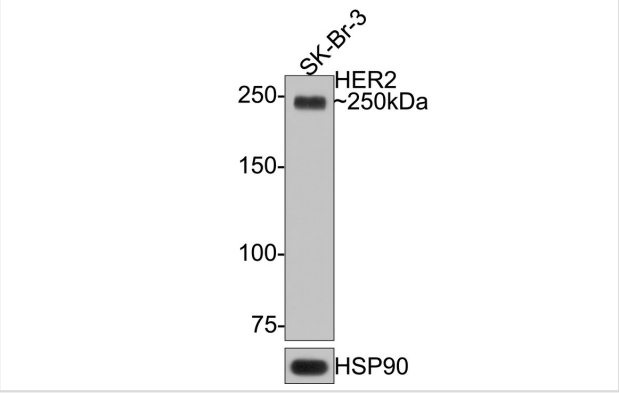
WB 1:1000;

IHC 1:2000;

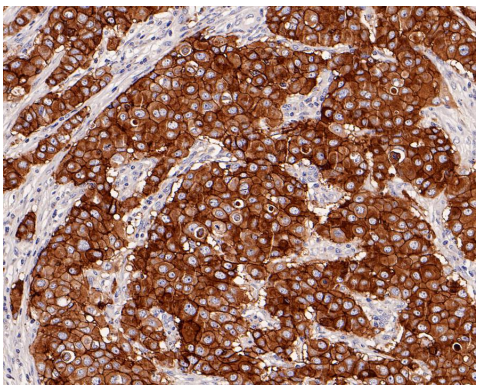
IF 1:50;

FC 1:1000;

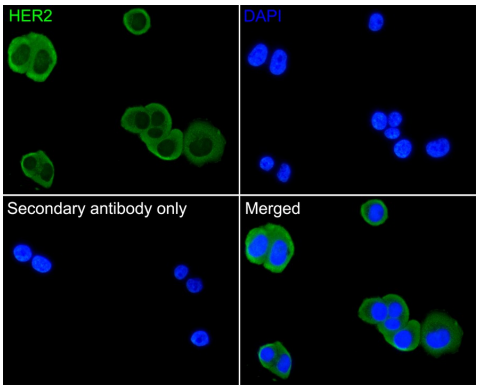
Images



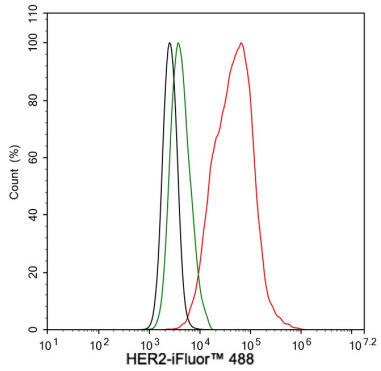
Western blot analysis of HER2 / ErbB2 on SK-Br-3 cell lysates with HER2 / ErbB2 at 1/1,000 dilution.
Lysates/proteins at 10 ug/Lane.
Predicted band size: 138 kDa
Observed band size: 250 kDa



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with HER2 / ErbB2 at 1/2,000 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry analysis of SK-Br-3 cells labeling HER2 / ErbB2 at 1/50 dilution.
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with HER2 / ErbB2 at 1/50 dilution in 2% negative goat serum overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow cytometric analysis of SK-Br-3 cells labeling HER2 / ErbB2.
Cells were fixed and permeabilized. Then stained with the primary antibody (1ug/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).

Note: This product is for in vitro research use only