Her2 / ErbB2 antibody [HL3566]

Cat. No. GTX641472

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, FCM
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:10000
FCM	Assay dependent

Note : Do not need a permeabilization step.

Not tested in other applications.

Observed MW (kDa)	185 kDa.
Product Note	This antibody is specific for human ERBB2 protein, and it does not cross react with human EGFR protein. This antibody was raised against human Her2 / ErbB2 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain of human Her2 / ErbB2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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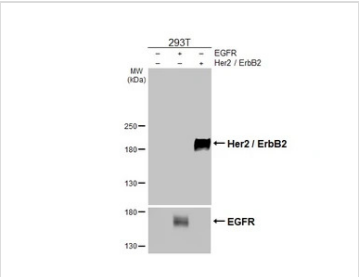
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

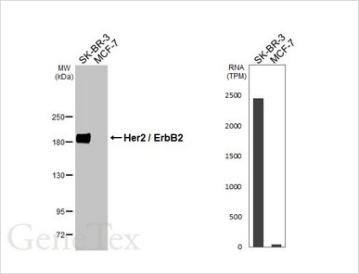
DATA IMAGES



GTX641472 WB Image

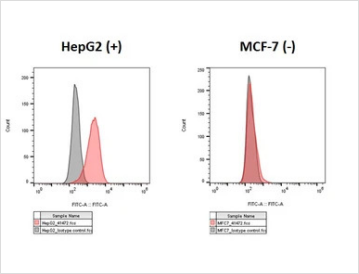
Non-transfected (–) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membranes were blotted with Her2 / ErbB2 antibody [HL3566] (GTX641472) diluted at 1:5000 and EGFR antibody (GTX121919) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.



GTX641472 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Her2 / ErbB2 antibody [HL3566] (GTX641472) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX641472 FCM Image

Her2 / ErbB2 antibody [HL3566] (GTX641472) detects Her2 / ErbB2 protein by flow cytometry analysis. Sample: non-fixed and non-permeabilized HepG2 or MCF-7 cells were stained with 5µg/ml GTX641472 (red) or a Rabbit monoclonal IgG isotype control (gray) in 1% FBS/ 5mM EDTA/PBS at 4ºC for 1 hour.

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