

Her2 / ErbB2 antibody [HRB2/451]

Cat. No. GTX34780

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, FCM, ELISA, Protein Array
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1-4µg/ml
FCM	1-2µg/10 ⁶ cells
ELISA	Assay dependent
Protein Array	Assay dependent

Note : For ELISA coating, recommend using BSA-free format (please contact us for PBS only format).

Not tested in other applications.

Product Note This MAb is specific to c-erbB-2/HER-2 and shows minimal cross-reaction with other members of the family.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human HER-2 protein
Purification	Protein A/G purified
Conjugation	Unconjugated



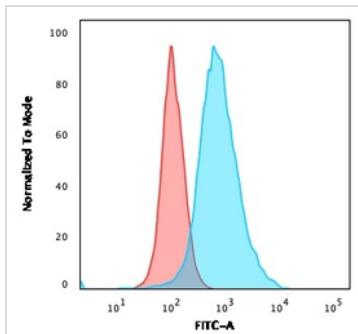
For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 28 Page 1 of 2

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

Note

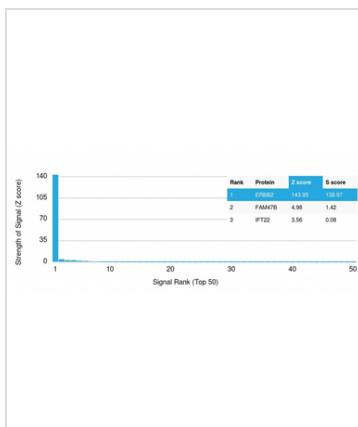
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX34780 FCM Image**

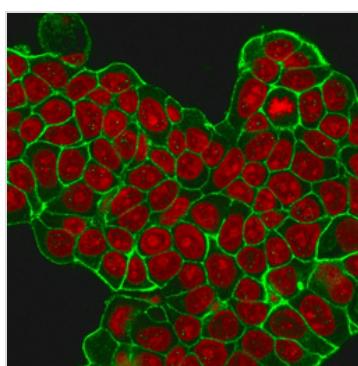
FACS analysis of trypsinized SK-BR3 cells using GTX34780 Her2 / ErbB2 antibody [HRB2/451].

Blue : Primary antibody

Red : Isotype control

**GTX34780 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using HER-2 Monospecific Mouse Monoclonal Antibody (HRB2/451). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.

**GTX34780 ICC/IF Image**

ICC/IF analysis of MeOH-fixed MCF-7 cells using GTX34780 Her2 / ErbB2 antibody [HRB2/451].

Green : Primary antibody

Red : nucleus



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 28 Page 2 of 2