

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

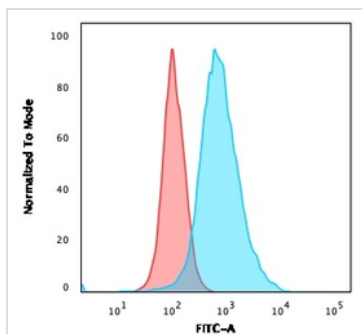


For full product information, images and publications, please visit our [website](#).

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Note

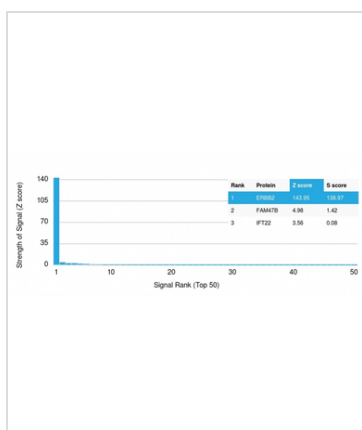
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DATA IMAGES

GTx34780 FCM Image

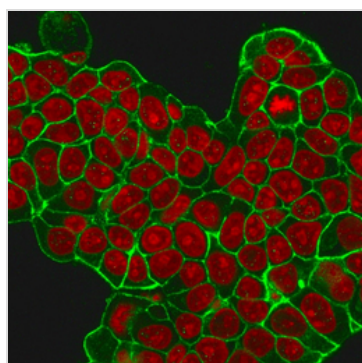
FACS analysis of trypsinized SK-BR3 cells using GTx34780 Her2 / ErbB2 antibody [HRB2/451].

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 HuProt™ 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 HuProt™ 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



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