

Human ErbB2/Her2 (Based on Research Grade Trastuzumab Biosimilar) Alexa Fluor® 594-conjugated Antibody

Recombinant Monoclonal Mouse IgG₁ Clone # H2M5B

Catalog Number: FAB9896T

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ErbB2/Her2 in Western blots. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Trastuzumab and uses a mouse IgG ₁ backbone structure. This product is for research use only.
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # H2M5B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human ErbB2/Her2
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	MCF-7 human cell line

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Trastuzumab is a biosimilar directed against the extracellular domain of Her2 (ErbB2). This product uses the variable region sequence of Trastuzumab and has replaced the human IgG₁ backbone structure with mouse IgG₁. This antibody can be used in flow cytometry or various assay formats to measure Her2 expression.

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