Human ErbB2/Her2 Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 416711

Catalog Number: FAB11291V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ErbB2/Her2 Herstatin Isoform in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) EGFR or rhErbB3 is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 416711
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant human ErbB2/Her2 Herstatin Isoform Thr23-Gly419 Accession # AAD56009
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

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. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Herstatin is a secreted 68 kDa glycoprotein encoded by an alternate transcript of the HER-2/neu (erbB-2) gene containing the N-terminal 304 amino acids (aa) of subdomain I and II, and 79 intron-encoded aa at the C-terminus. It is an endogenous inhibitor of the EGF receptor family that disrupts receptor interactions and inhibits growth of tumor cells that overexpress HER-2.

PRODUCT SPECIFIC NOTICES

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