

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human EGFR based on Cetuximab therapeutic antibody. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Cetuximab. This product is for research use only.
Source	Monoclonal Human IgG ₁ Clone # Hu1F2
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human EGFR/ErbB1
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	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

Cetuximab is a biosimilar directed against the extracellular domain of EGFR. This product constitutes the immunogen used for the anti-Idiotypic catalog number MAB9626. The biotinylated antibody (catalog number FAB9577B) can be used in flow cytometry or various assay format to measure EGFR expression and can be detected by conjugated streptavidin.

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