

## Human EGFR (Cetuximab) PE-conjugated Antibody

Recombinant Monoclonal Human IgG<sub>1</sub> Clone # Hu1

Catalog Number: FAB9577P

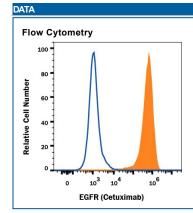
100 Tests

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human EGFR based on Cetuximab therapeutic antibody.		
Source	Recombinant Monoclonal Human IgG <sub>1</sub> Clone # Hu1		
Purification	Protein A or G purified from cell culture supernatant		
Immunogen	Human EGF R/ErbB1		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm		
Formulation	Supplied 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	10 μL/10 <sup>6</sup> cells	See Below



Detection of EGF R/ErbB1 in A431 human epithelial carcinoma cell line by Flow Cytometry. A431 human epithelial carcinoma cell line was stained with Human Anti-Human EGFR (Cetuximab) PE-conjugated Monoclonal Antibody (Catalog # FAB9577P, filled histogram) or unstained cells (open histogram). View our protocol for Staining Membrane-associated Proteins.

## 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 can be used in flow cytometry or various assay format to measure EGFR expression.

