BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-EGF Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9861-Fluoro594

About EGF

EGF is known as epidermal growth factor. This gene encodes a member of the epidermal growth factor superfamily. The encoded preproprotein is proteolytically processed to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. Additionally, it acts by binding with high affinity to the cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

Overview

Product Name	Anti-EGF Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P01133

Technical Details

Immunogen	E. coli-derived human EGF recombinant protein (Position: N971-R1023). Human EGF shares 69.8% amino acid (aa) sequence identity with both mouse and rat EGF.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

3 Publications Citing This Product

1. PubMed ID: 28819764 , sEcad and EGF Levels Increased in Urine of Non-ferrous Metal Workers and Medium of Uroepithelial Cell Line Treated by Arsenic

2. PubMed ID: 29259644, Therapeutic Effect and Mechanism of Oxytropis falcata Gel on Deep Second-Degree Burn in Rats

3. PubMed ID: 29464186, Effect of IL-10 on the expression of HSC growth factors in hepatic fibrosis rat

Visit bosterbio.com/anti-egf-picoband-trade-antibody-pb9861-boster.html to see all 3 publications.

Anti-EGF Antibody - Fluoro594

For Research Use Only. Not for use in diagnostic procedures.