

## Anti-EIF5 Antibody Picoband® (monoclonal, 2F13C4) Fluoro550 Conjugated

Catalog Number: M04623-Fluoro550

### About EIF5

Eukaryotic translation initiation factor 5 is a protein that in humans is encoded by the EIF5 gene. Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-EIF5 Antibody Picoband® (monoclonal, 2F13C4) Fluoro550 Conjugated                                       |
| Reactive Species     | Human  |
| Application          | Flow Cytometry   |
| Clonality            | Monoclonal 2F13C4  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Mouse  |
| Uniprot ID           | P55010   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human EIF5 recombinant protein (Position: D11-D423).       |
| Cross Reactivity    | No cross-reactivity with other proteins.                                  |
| Isotype             | Mouse IgG2b   |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.      |

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