

## Anti-EED Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01345-2-Fluoro488

### About EED

Polycomb protein EED is a protein that in humans is encoded by the EED gene. It is a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. Furthermore, this protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-EED Antibody Picoband® Fluoro488 Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| 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                 | Rabbit   |
| Uniprot ID           | O75530   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human EED recombinant protein (Position: K77-R441).            |
| Cross Reactivity    | No cross-reactivity with other proteins.                                      |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.          |

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