

## Anti-HEF1/NEDD9 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9289-Fluoro550

### About NEDD9

Enhancer of filamentation 1 (EF1), also known as NEDD-9, is a protein that in humans is encoded by the NEDD9 gene. The protein encoded by this gene is a member of the CRK-associated substrates family. Members of this family are adhesion docking molecules that mediate protein-protein interactions for signal transduction pathways. It is mapped to 6p24.2. This protein is a focal adhesion protein that acts as a scaffold to regulate signaling complexes important in cell attachment, migration and invasion as well as apoptosis and the cell cycle. This protein has also been reported to have a role in cancer metastasis. NEDD9 is also a highly relevant cancer gene that governs metastatic potential in human melanoma. What's more, it has been speculated that NEDD9 may be an important linking element between extracellular signaling and regulation of the cytoskeleton.

### Overview

Product Name	Anti-HEF1/NEDD9 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Monkey, 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	Q14511

### Technical Details

Immunogen	E.coli-derived human HEF1 recombinant protein (Position: K273-E421). Human HEF1 shares 83% amino acid (aa) sequence identity with mouse HEF1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm

Suggested Dilutions

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

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