

## Anti-ABL2 Antibody Picoband® HRP Conjugated

Catalog Number: PB9913-HRP

### About ABL2

Tyrosine-protein kinase ABL2, also known as Abelson-related gene (Arg), is an enzyme that in humans is encoded by the ABL2 gene. This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinases. The protein is highly similar to the c-abl oncogene 1 protein, including the tyrosine kinase, SH2 and SH3 domains, and it plays a role in cytoskeletal rearrangements through its C-terminal F-actin- and microtubule-binding sequences. This gene is expressed in both normal and tumor cells, and is involved in translocation with the ets variant 6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-ABL2 Antibody Picoband® HRP Conjugated   |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | WB, IHC, ELISA  |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | P42684  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E. coli-derived human ABL2 recombinant protein (Position: T1065-R1182). Human ABL2 shares 97.5% amino acid (aa) sequence identity with mouse ABL2.                           |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | HRP  |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. |

ELISA, Optimal dilutions should be determined by end users.

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