

# Product Datasheet

## Kindlin Antibody (4A5.14) [Alexa Fluor™ Plus 488] NBP3-08647AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08647AFP488**

Kindlin Antibody (4A5.14) [Alexa Fluor™ Plus 488]

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 ml   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C in the dark.   |
| Clonality                   | Monoclonal   |
| Clone                       | 4A5.14   |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG2a Lambda   |
| Conjugate                   | Alexa Fluor Plus 488   |
| Purity                      | Protein A or G purified  |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 55612  |
| Gene Symbol                 | FERMT1   |
| Species                     | Human  |
| Specificity/Sensitivity     | Kindlin-1 (also known as KIND1, KINDLERIN, UNC112-RELATED PROTEIN 1 (URP1) is an important component of cell-extracellular matrix adhesion. Kindlin-1 is involved in cell adhesion, possibly via its interaction with integrins and may mediate TGF-beta 1 signaling during tumor progression. Kindlin-1 has been shown to be significantly upregulated in lung and colon carcinomas. Mutations in the kindlin-1 gene, FERMT1, causes Kindler syndrome. Kindler syndrome is an autosomal recessive disorder characterized by neonatal blistering, sun sensitivity, atrophy, abnormal pigmentation and fragility of the skin. We have developed monoclonal anti-kindlin-1 antibodies. This monoclonal antibody recognizes kindlin-1 in multiple assays including Western blotting, immunoprecipitation, immunohistochemical and immunofluorescent staining.   |
| Immunogen                   | Recombinant protein containing Kindlin (residues 216-677) (Uniprot: Q9BQL6)  |
| Notes                       | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Product Application Details |  |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunoprecipitation   |
| Recommended Dilutions       | Western Blot, Immunoprecipitation, Immunohistochemistry-Paraffin   |

**Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112

USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

[nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

**Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

[canada.inquires@bio-techne.com](mailto:canada.inquires@bio-techne.com)

**Bio-Techne Ltd**

19 Barton Lane

Abingdon Science Park

Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

[info.EMEA@bio-techne.com](mailto:info.EMEA@bio-techne.com)

**General Contact Information**

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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