## **Product Datasheet**

# Pref-1/DLK1/FA1 Antibody (PF299-1) [Alexa Fluor® 647] NBP2-80047AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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### NBP2-80047AF647

Pref-1/DLK1/FA1 Antibody (PF299-1) [Alexa Fluor® 647]

Storage Store at 4C in the dark.  Clonality Monoclonal  Clone PF299-1  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 647  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property license. Life Technologies Corporation. The purchase of this product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made on purchasing (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	· · · · · · · · · · · · · · · · · · ·	/L
Concentration  Please see the vial label for concentration. If unlisted please contact techn services.  Storage  Store at 4C in the dark.  Clonality  Monoclonal  Clone  PF299-1  Preservative  Isotype  IgG1 Kappa  Conjugate  Alexa Fluor 647  Purity  Protein G purified  Buffer  SomM Sodium Borate  Product Description  Host  Mouse  Gene ID  8788  Gene Symbol  DLK1  Species  Human  Specificity/Sensitivity  Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Praductive for paying the product and components of the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made and payment; (ii) for therapeutic, diagnostic or prophylacit purposes; or (iv) for resale, regardless of whether they are resold for use in research. For infor on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsi CA 92008 USA or outlineasing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Product Information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone PF299-1  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 647  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property license. Life Technologies Corporation. The purchase of this product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made the product or its components, or any materials made on purchasing (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Unit Size	0.1 ml
Clone PF299-1  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 647  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components; (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For infort on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsi CA 92008 USA or outlicensing @lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Clone PF299-1  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 647  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to th buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For infort on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsi CA 92008 USA or outlicensing @lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Storage	Store at 4C in the dark.
Preservative    Sotype   IgG1 Kappa	Clonality	Monoclonal
IgG1 Kappa	Clone	PF299-1
Conjugate Alexa Fluor 647  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components; (ii) in manufacturing; (iii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlist CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Preservative	0.05% Sodium Azide
Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which in include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Isotype	IgG1 Kappa
Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pradictive Type Type Type Type Type Type Type Typ	Conjugate	Alexa Fluor 647
Product Description  Host Mouse  Gene ID 8788  Gene Symbol DLK1  Species Human  Specificity/Sensitivity Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and componed from the product or its components, or any materials made the product or its components, or any materials made the product or its components, in any activity to generate revenue, which minclude, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For infort on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Purity	Protein G purified
Host  Gene ID  8788  Gene Symbol  DLK1  Species  Human  Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to th buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components; (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Buffer	50mM Sodium Borate
Gene Symbol  DLK1  Species  Human  Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens. Life Technologies Corporation. The purchase of this product conveys to th buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which minclude, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	<b>Product Description</b>	
Gene Symbol  DLK1  Species  Human  Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens. Life Technologies Corporation. The purchase of this product conveys to th buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as describe above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Host	Mouse
Specificity/Sensitivity  Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Immunogen  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property license. Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and comport of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which minclude, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Gene ID	8788
Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pr 1/DLK1/FA1.  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens. Life Technologies Corporation. The purchase of this product conveys to th buyer the non-transferable right to use the purchased product and compor of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iiii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Gene Symbol	DLK1
Immunogen  Recombinant human Pref-1/DLK1/FA1 (extracellular domain).  Notes  Alexa Fluor (R) products are provided under an intellectual property licens Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and comport of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which minclude, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For inform on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Species	Human
Alexa Fluor (R) products are provided under an intellectual property licens. Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and comport of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which in include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Specificity/Sensitivity	Recognizes human Pref-1/DLK1/FA1. Does not cross-react with mouse Pref-1/DLK1/FA1.
Alexa Fluor (R) products are provided under an intellectual property licens. Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and comport of the product only in research conducted by the buyer (whether the buyer academic or for-profit entity). The sale of this product is expressly condition the buyer not using the product or its components, or any materials made the product or its components, in any activity to generate revenue, which not include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlst CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product.	Immunogen	Recombinant human Pref-1/DLK1/FA1 (extracellular domain).
	Notes	manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad,

<b>Product Application Details</b>	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

#### Products Related to NBP2-80047AF647

IC002R Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]

NBP2-52245-0.05mg Recombinant Human Pref-1/DLK1/FA1 His Protein

210-TA-005 TNF-alpha [Unconjugated]
DY1144-05 Pref-1/DLK1/FA1 [Biotin]

#### 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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