# **Product Datasheet**

# CD45 Antibody (rPTPRC/7275) [Alexa Fluor® 700] NBP3-21141AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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## NBP3-21141AF700

CD45 Antibody (rPTPRC/7275) [Alexa Fluor® 700]

Product Information	CD45 Antibody (rPTPRC/7275) [A	Alexa Fluor® 700]
Concentration  Please see the vial label for concentration. If unlisted please contact technical services.  Storage  Store at 4C in the dark.  Clonality  Monoclonal  Clone  rPTPRC/7275  Preservative  0.05% Sodium Azide  Isotype  IgG1 Kappa  Conjugate  Alexa Fluor 700  Purity  Protein A or G purified  Buffer  SomM Sodium Borate  Product Description  Host  Mouse  Gene ID  5788  Gene Symbol  PTPRC  Species  Human  Immunogen  Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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 or this compogents in snade 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 Information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone rPTPRC/7275  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 700  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 5788  Gene ID 5788  Gene Symbol PTPRC  Species Human  Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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; 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; 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; 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 in return for payment, (iii) or herapeutic, 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 in return for demand. Actual recovery may vary fro	Unit Size	0.1 ml
Clone rPTPRC/7275  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 700  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 5788  Gene Symbol PTPRC  Species Human  Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the puyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made 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 information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing @lifetech.com. This coughes information, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing @lifetech.com. This coughes is reduced.	Concentration	·
Clone IPTPRC/7275  Preservative 0.05% Sodium Azide  Isotype IgG1 Kappa  Conjugate Alexa Fluor 700  Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 5788  Gene Symbol PTPRC  Species Human  Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyen out using the product or its components; or any materials made using the product or its components; (i) in manufacturing; (ii) to provide a service, information, or adat 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, CA 92008 USA or outlicensing@lifetech.com. 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.	Storage	Store at 4C in the dark.
Preservative   0.05% Sodium Azide   Isotype   IgG1 Kappa   Conjugate   Alexa Fluor 700   Purity   Protein A or G purified   Buffer   50mM Sodium Borate   Product Description Host   Mouse   Gene ID   5788   Gene Symbol   PTPRC   Species   Human   Immunogen   Recombinant fragment of human CD45 (exact sequence is proprietary)   Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing @lifetech.com. 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.	Clonality	Monoclonal
Isotype IgG1 Kappa Conjugate Alexa Fluor 700 Purity Protein A or G purified Buffer 50mM Sodium Borate  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, 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, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.	Clone	rPTPRC/7275
Conjugate  Alexa Fluor 700  Purity  Protein A or G purified  Buffer  50mM Sodium Borate  Product Description  Host  Mouse  Gene ID  5788  Gene Symbol  PTPRC  Species  Human  Immunogen  Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, or any materials made 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 information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.	Preservative	0.05% Sodium Azide
Purity Protein A or G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 5788  Gene Symbol PTPRC  Species Human  Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.	Isotype	IgG1 Kappa
Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 5788  Gene Symbol PTPRC  Species Human  Immunogen Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components; in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.	Conjugate	Alexa Fluor 700
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Gene Symbol  Species  Human  Immunogen  Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing @lifetech.com. 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.	<b>Product Description</b>	
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Immunogen  Recombinant fragment of human CD45 (exact sequence is proprietary)  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.	Gene ID	5788
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Product Application Details	Notes	Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may 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, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The
	Product Application Details	

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





# Novus Biologicals USA

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#### **General Contact Information**

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## Products Related to NBP3-21141AF700

IC002N Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700]

NBP2-51591-0.02mg Recombinant Human CD45 His Protein

210-TA-005 TNF-alpha [Unconjugated]

1430-CD-050 CD45 [Unconjugated]

#### 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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