# **Product Datasheet**

# P2X4 Antibody [Alexa Fluor® 750] NBP3-38308AF750

Unit Size: 0.1 ml

Store at 4C in the dark.

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## NBP3-38308AF750

P2X4 Antibody [Alexa Fluor® 750]

MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLK SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVEGKAGKFDIIPTMIN  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 or 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	1 27 (17 tillibody propari laoi o 7 oc	1
Please see the vial label for concentration. If unlisted please contact technical services.	Product Information	
Storage Store at 4C in the dark.  Clonality Polyclonal  Preservative 0.05% Sodium Azide  Isotype IgG  Conjugate Alexa Fluor 750  Purity Affinity purified  Buffer 50mM Sodium Borate  Product Description  Host Rabbit  Gene ID 5025  Gene Symbol P2RX4  Species Human, Mouse  Immunogen Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNGTOGLOFEIPDATTVCKDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPOPAFLKAAENFTLLVKNNIWYPKFNFSKRNILDRITTTYLY SCIYDAKTDPFOPFIRG.GKIVENAGHSFOOMAVEGGING/OWNDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFFFAKYYRDLAGNEQRTLIKAYGIRFDIIV GKAGKFOIIPTMIN  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 or the buyer ont 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 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 use in research. For information on purchasing a license to this product for purposes or five for province 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	Unit Size	0.1 ml
Clonality Polyclonal  Preservative 0.05% Sodium Azide  Isotype 1gG  Conjugate Alexa Fluor 750  Purity Affinity purified  Buffer 50mM Sodium Borate  Product Description  Host Rabbit  Gene ID 5025  Gene Symbol P2RX4  Species Human, Mouse  Immunogen Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSACTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPOPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLY SCIYDAKTDPFCPIFRLGKIVENAGHSFODMAVEGGIMGIOVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVF GKAGKFDIIPTMIN  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 and components of 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 any materials made 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 any materials made 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 any materials made using the product or its components, or any materials made using the product or its components, or or phylyactic 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 sconjugate is made on demand. Actual recover	Concentration	·
Preservative   0.05% Sodium Azide	Storage	Store at 4C in the dark.
Isotype IgG Conjugate Alexa Fluor 750 Purity Affinity purified Buffer 50mM Sodium Borate  Product Description Host Rabbit Gene ID 5025 Gene Symbol P2RX4 Species Human, Mouse Immunogen Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNOTOGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWQPVEDDTHVPOPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTYLL SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDINV GKAGKFDIIPTMIN  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 or 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	Clonality	Polyclonal
Conjugate  Alexa Fluor 750  Purity  Affinity purified  Buffer  50mM Sodium Borate  Product Description  Host  Rabbit  Gene ID  5025  Gene Symbol  P2RX4  Species  Human, Mouse  Immunogen  Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNGTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTOE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNIL PNITTTYLL SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQNYMDCDLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDINV GKAGKFDIIPTMIN  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 or 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 prophylacito 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	Preservative	0.05% Sodium Azide
Purity Affinity purified  Buffer 50mM Sodium Borate  Product Description  Host Rabbit  Gene ID 5025  Gene Symbol P2RX4  Species Human, Mouse  Immunogen Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLY SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIV GKAGKFDIIPTMIN  Notes  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. 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 or 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 on materials made using the product or its components, or on materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or any materials made using the product or its components, or on y materials made using the product or its components, or on y materials made using the product or its components, or on y components, or on y or on or on y or on y or or on y or or or on y or	Isotype	IgG
Buffer   SomM Sodium Borate	Conjugate	Alexa Fluor 750
Product Description  Host Rabbit  Gene ID 5025  Gene Symbol P2RX4  Species Human, Mouse  Immunogen Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLKSCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVGGKAGKFDIIPTMIN  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 on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components, or on the buyer in the product or its components or in the buyer in th	Purity	Affinity purified
Rabbit   Gene ID   5025	Buffer	50mM Sodium Borate
Gene Symbol  P2RX4  Species  Human, Mouse  Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLL SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVI GKAGKFDIIPTMIN  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 or 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 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 Description	
P2RX4	Host	Rabbit
Species   Human, Mouse	Gene ID	5025
Recombinant fusion protein containing a sequence corresponding to amino acid 55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLK SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASI CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVF GKAGKFDIIPTMIN  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 or 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	Gene Symbol	P2RX4
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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 or 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		55-338 of human P2X4 (NP_002551.2).  Sequence: QETDSVVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLFVMTNVILT MNQTQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRCVAFNGSVKTCE VAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKFNFSKRNILPNITTTYLK SCIYDAKTDPFCPIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLDRAASL CLPRYSFRRLDTRDVEHNVSPGYNFRFAKYYRDLAGNEQRTLIKAYGIRFDIIVF
	Notes	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**



Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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General: novus@novusbio.com

### Products Related to NBP3-38308AF750

NBP2-24891AF750 Rabbit IgG Isotype Control [Alexa Fluor® 750]

NBP2-59721 P2X4 Antibody Blocking Peptide

DBD00 BDNF [HRP]

NBP2-08102 P2X4 Overexpression Lysate

#### 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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