# **Product Datasheet**

# IL-3R alpha/CD123 Antibody (32703) [Alexa Fluor® 532] FAB301X

Unit Size: 0.1 ml

Store at 4C in the dark.

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## **FAB301X**

IL-3R alpha/CD123 Antibody (32703) [Alexa Fluor® 532]

Product Information         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         32703           Preservative         0.05% Sodium Azide           Isotype         IgG1           Conjugate         Alexa Fluor 532           Purity         Protein A or G purified from hybridoma culture supernatant           Buffer         50mM Sodium Borate           Product Description           Host         Mouse           Gene ID         3563           Gene Symbol         IL3RA           Specificity/Sensitivity         Detects human IL□3 Ra/CD123 in direct ELISAs and Western blots.           Immunogen         S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Ra/CD123 in direct ELISAs and Western blots.           Notes         Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product and components or for-profit entity). The sale of this product and components of the product 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	IL-3R alpha/CD123 Antibody (32703) [Alexa Fluor® 532]		
Please see the vial label for concentration. If unlisted please contact technical services.  Storage  Store at 4C in the dark.  Clonality  Monoclonal  Clone  32703  Preservative  0.05% Sodium Azide  Isotype  IgG1  Conjugate  Alexa Fluor 532  Purity  Protein A or G purifiled from hybridoma culture supernatant  Buffer  50mM Sodium Borate  Product Description  Host  Mouse  Gene ID  3563  Gene Bymbol  IL3RA  Specificity/Sensitivity  Detects human IL □3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen  S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL □3 Ra/CD123  Lys20-Arg30s, predicted Accession # P26951  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this 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 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 in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (ii) 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 Allalen Way, Carlsbad, CA 92008 USA or outlicensing@illecthc.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.  Produ	Product Information		
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone 32703  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Alexa Fluor 532  Purity Protein A or G purified from hybridoma culture supernatant  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3563  Gene Symbol IL3RA  Specificity/Sensitivity Detects human IL □ 3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL □ 3 Ra/CD133  Lys20-Arg305, predicted Accession # P26951  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 conversely 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 of (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes of the nas 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.  Product Application Details  Recommended Dilutions  Mestern Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Unit Size	0.1 ml	
Clone 32703  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Alexa Fluor 532  Purity Protein A or G purified from hybridoma culture supernatant  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3563  Gene Symbol IL3RA  Specificity/Sensitivity Detects human ILC3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen S. Inaginera'a insect ovarian cell line Sf 21-derived recombinant human ILC3 Ra/CD123  Lys20-Arg305, predicted Accession # P26951  Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Carporation. 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 conveys to 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; (ii) for therapeutic, diagnostic or prophylator 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 purpose) 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 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 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; or (iv) for herapeutic, diagnostic or p	Concentration	·	
Preservative  0.05% Sodium Azide  Isotype  IgG1  Conjugate  Alexa Fluor 532  Purity  Protein A or G purified from hybridoma culture supernatant  Buffer  50mM Sodium Borate  Product Description  Host  Gene ID  3563  Gene Symbol  IL3RA  Specificity/Sensitivity  Detects human IL□3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen  S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Ra/CD123  Lys20-Arg305, predicted Accession # P26951  Notes  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 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; (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.  Product Application Details  Recommended Diluttions  Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Storage	Store at 4C in the dark.	
Preservative   19G1	Clonality	Monoclonal	
IgG1	Clone	32703	
Purity Protein A or G purified from hybridoma culture supernatant  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3563  Gene Symbol IL3RA  Specificity/Sensitivity Detects human IL□3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Ra/CD123 Lys20-Arg305, predicted Accession # P26951  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.  Product Application Details  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Preservative	0.05% Sodium Azide	
Purity Protein A or G purified from hybridoma culture supernatant  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 3563  Gene Symbol IL3RA  Specificity/Sensitivity Detects human IL□3 Ra/CD123 in direct ELISAs and Western blots.  Immunogen S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Ra/CD123	Isotype	IgG1	
Buffer         50mM Sodium Borate           Product Description           Host         Mouse           Gene ID         3563           Gene Symbol         IL3RA           Specificity/Sensitivity         Detects human IL□3 Rα/CD123 in direct ELISAs and Western blots.           Immunogen         S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Rα/CD123 Lys20-Arg305, predicted Accession # P26951           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.         Product Application Details	Conjugate	Alexa Fluor 532	
Host Mouse  Gene ID 3563  Gene Symbol IL3RA  Specificity/Sensitivity Detects human IL□3 Rα/CD123 in direct ELISAs and Western blots.  Immunogen S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Rα/CD123 Lys20-Arg305, predicted Accession # P26951  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.  Product Application Details  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Purity	Protein A or G purified from hybridoma culture supernatant	
Host         Mouse           Gene ID         3563           Gene Symbol         IL3RA           Specificity/Sensitivity         Detects human IL□3 Rα/CD123 in direct ELISAs and Western blots.           Immunogen         S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Rα/CD123 Lys20-Arg305, predicted Accession # P26951           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.           Product Application Details         Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Buffer	50mM Sodium Borate	
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Immunogen         S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL□3 Rα/CD123 Lys20-Arg305, predicted Accession # P26951           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.           Product Application Details         Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Gene Symbol	IL3RA	
IL□3 Řα/CD123 Lys20-Arg305, predicted Accession # P26951  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.  Product Application Details  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Specificity/Sensitivity	Detects human IL□3 Rα/CD123 in direct ELISAs and Western blots.	
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.  Product Application Details  Recommended Dilutions  Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready	Immunogen	IL□3 Rα/CD123 Lys20-Arg305, predicted	
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Immunocytochemistry, CyTOF-ready	• •		
Application Notes Optimal dilution of this antibody should be experimentally determined.	Recommended Dilutions		
	Application Notes	Optimal dilution of this antibody should be experimentally determined.	





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General: 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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