# **Product Datasheet**

## CD8 Antibody (OX-8) [Alexa Fluor® 532] NBP2-12523AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### NBP2-12523AF532

CD8 Antibody (OX-8) [Alexa Fluor® 532]

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|---|---------------------------------------|--|--|
| Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   OX-8     Preservative   0.05% Sodium Azide     Isotype   IgG1 Kappa     Conjugate   Alexa Fluor 532     Purity   Protein A purified     Buffer   SomM Sodium Borate     Product Description   Mouse     Gene ID   925     Gene Symbol   CD8A     Specificity/Sensitivity   CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).     Immunogen   CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes     Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product and components of the product on 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 componenents, or any materials made using the product or its components,  | Product Information                   |  |  |
| storage Store at 4C in the dark.   Clonality Monocional   Clone OX-8   Preservative 0.05% Sodium Azide   Isotype IgG1 Kappa   Conjugate Alexa Fluor 532   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Mouse   Gene ID 925   Gene ID 925   Gene Symbol CD8 A   Specificity/Sensitivity CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 KDa; alpha chain of the CD8 antigen).   Immunogen CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes   Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product oneyes to the buyer the non-transferable right to use the purchased product and components of 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. For information on purchasing a license to this 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. For information on purchasing a license to this product or its components. For information on purchasing a l  | Unit Size                             | 0.1 ml   |  |
| Clonality   Monoclonal     Clone   OX-8     Preservative   0.05% Sodium Azide     isotype   IgG1 Kappa     Conjugate   Alexa Fluor 532     Purity   Protein A purified     Buffer   50mM Sodium Borate     Product Description   Hots     Host   Mouse     Gene ID   925     Gene Symbol   CD8A     Species   Rat   | Concentration                         | •  |  |
| Clone OX-8   Preservative 0.05% Sodium Azide   Isotype IgG1 Kappa   Conjugate Alexa Fluor 532   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 925   Gene Symbol CD8 A   Specificity/Sensitivity CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa, alpha chain of the CD8 antigen).   Immunogen CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes   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 on 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 resole for hurporese; or (w) for research. For information on purchasing a license to this 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 and lite recovery may vary from the stated volume of   | Storage                               | Store at 4C in the dark.   |  |
| Preservative 0.05% Sodium Azide   Isotype IgG1 Kappa   Conjugate Alexa Fluor 532   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 925   Gene Symbol CD8A   Species Rat   Specificity/Sensitivity CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).   Immunogen CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes   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 on transferable right to use of the product or its components, in any activity to generate reveue, which may include, but is not limited to use of the product or its components. (in manufacturing.(ii) 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 its components. (iv) for resale, regardless of whether they are resold your as in research. For information on purchasing a license to this product on the as described above, contact Life Technologies Corporation. 5791 Van Allen   | Clonality                             | Monoclonal   |  |
| Isotype IgG1 Kappa   Conjugate Alexa Fluor 532   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 925   Gene Symbol CD8A   Species Rat   Specificity/Sensitivity CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).   Immunogen CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes   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 on 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 bits product is protent is eascribed above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outicensing@lifetech.com. This conjugate is made on demand. Actu   | Clone                                 | OX-8   |  |
| Conjugate Alexa Fluor 532   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Mouse   Gene ID 925   Gene Symbol CD8A   Species Rat   Specificity/Sensitivity CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).   Immunogen CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes   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. (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. This 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 its components. (i) in manufacturing; (ii) to provide a service, information, or (ind tai n return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resal   | Preservative                          | 0.05% Sodium Azide   |  |
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| Product Description     Host   Mouse     Gene ID   925     Gene Symbol   CD8A     Species   Rat     Specificity/Sensitivity   CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of<br>rat CD8a (32-34 kDa, alpha chain of the CD8 antigen).     Immunogen   CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat<br>thymocytes     Notes   Alexa Fluor (R) products are provided under an intellectual property license from<br>Life Technologies Corporation. The purchase of this product cand components<br>of the product only in research conducted by the buyer (whether the buyer is an<br>academic or for-profit entity). The sale of this product is expressly conditioned on<br>the buyer not using the product or its components, or any materials made using<br>the product or its components, in any activity to generate revenue, which may<br>include, but is not limited to use of the product or its components: (i) in<br>manufacturing; (ii) to therapeutic, diagnostic or prophylactic purposes; or (iv) for<br>resale, regardless of whether they are resold for use in research. For information<br>on purchasing a license to this product for purposes other than as described<br>above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad,<br>CA 9200B USA or outlicensing@lifetech.com. This conjugate is made on<br>demand. Actual recovery may vary from the stated volume of this product. The<br>volume will be greater than or equal to the unit size stated on the datasheet.     Product Application Details   Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-<br>Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutr | Purity                                | Protein A purified   |  |
| Host   Mouse     Gene ID   925     Gene Symbol   CD8A     Species   Rat     Specificity/Sensitivity   CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).     Immunogen   CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes     Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product and components of the product on its roomponents, 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, in any activity of generate revenue, which may include, but is not limited to use of the product or use components: (i) in manufacturing; (ii) for 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.  | Buffer                                | 50mM Sodium Borate   |  |
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| NotesNotesAlexa Fluor (R) products are provided under an intellectual property license from<br>Life Technologies Corporation. The purchase of this product conveys to the<br>buyer the non-transferable right to use the purchased product and components<br>of the product only in research conducted by the buyer (whether the buyer is an<br>academic or for-profit entity). The sale of this product is expressly conditioned on<br>the buyer not using the product or its components, or any materials made using<br>the product or its components, in any activity to generate revenue, which may<br>include, but is not limited to use of the product or its components: (i) in<br>manufacturing; (ii) to provide a service, information, or data in return for<br>payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for<br>resale, regardless of whether they are resold for use in research. For information<br>on purchasing a license to this product for purposes other than as described<br>above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad,<br>CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on<br>demand. Actual recovery may vary from the stated volume of this product. The<br>volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-<br>Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize,  | Specificity/Sensitivity               |  |  |
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| Applications Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-<br>Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize,   | Notes                                 | buyer the non-transferable right to use the purchased product and components<br>of the product only in research conducted by the buyer (whether the buyer is an<br>academic or for-profit entity). The sale of this product is expressly conditioned on<br>the buyer not using the product or its components, or any materials made using<br>the product or its components, in any activity to generate revenue, which may<br>include, but is not limited to use of the product or its components: (i) in<br>manufacturing; (ii) to provide a service, information, or data in return for<br>payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for<br>resale, regardless of whether they are resold for use in research. For information<br>on purchasing a license to this product for purposes other than as described<br>above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad,<br>CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on<br>demand. Actual recovery may vary from the stated volume of this product. The |  |
| Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize,   |                                       |  |  |
|   | Applications                          | Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize,  |  |



technical@novusbio.com

| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation,<br>Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready,<br>Block/Neutralize |  |
|-----------------------|--|--|
| Application Notes     | Optimal dilution of this antibody should be experimentally determined.   |  |
| Images                |  |  |

CD8 Antibody (OX-8) [Alexa Fluor® 532] [NBP2-12523AF532] - Vial of Alexa Fluor 532 conjugated antibody. Alexa Fluor 532 is optimally excited at 532 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 554 nm.

|                              | Alexa Fluo          | or® 532           |   |
|------------------------------|---------------------|-------------------|---|
|                              | LASER (nm)          | FILTER            |   |
| Alexa Fluor <sup>e 532</sup> | Y-G (561)           | 525/50            |   |
|                              | EXCITATION MAX (nm) | EMISSION MAX (nm) | ] |
| CUTCH -Research lied Only    | 532                 | 554               |   |





#### Novus Biologicals USA

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### **Bio-Techne Ltd**

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### **General Contact Information**

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

#### Products Related to NBP2-12523AF532

| M6000B-1      | IL-6 [HRP]                      |
|---------------|---------------------------------|
| 9358-CD-050   | CD8 [Unconjugated]              |
| 210-TA-005    | TNF-alpha [Unconjugated]        |
| NBP2-36743PEP | CD8 Recombinant Protein Antigen |

#### 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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