

# Product Datasheet

## CD8 Antibody (OX-8) - BSA Free NBP2-12523

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-12523**

CD8 Antibody (OX-8) - BSA Free

| Product Information     |   |
|-------------------------|---|
| Unit Size               | 0.1 mg                                  |
| Concentration           | 1.0 mg/ml                               |
| Storage                 | Store at 4C. Do not freeze.             |
| Clonality               | Monoclonal                              |
| Clone                   | OX-8                                    |
| Preservative            | 15mM Sodium Azide                       |
| Isotype                 | IgG1 Kappa                              |
| Purity                  | Protein A purified                      |
| Buffer                  | Phosphate buffered saline (PBS), pH 7.4 |
| Target Molecular Weight | 34 kDa                                  |

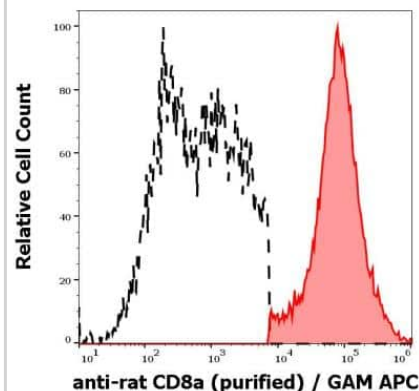
| Product Description     |   |
|-------------------------|---|
| Description             | Novus Biologicals Mouse CD8 Antibody (OX-8) - BSA Free (NBP2-12523) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-CD8 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready  |
| Recommended Dilutions       | Western Blot 1:100-1:2000, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready |
| Application Notes           | This antibody is Cytof ready.   |

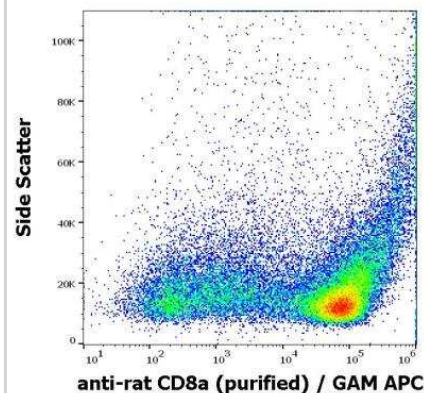


## Images

Flow Cytometry: CD8 Antibody (OX-8) [NBP2-12523] - Separation of rat CD8a positive thymocytes (red-filled) from CD8a negative thymocytes (black-dashed) in flow cytometry analysis (surface staining) of rat thymocyte suspension stained using anti-rat CD8 (OX-8) purified antibody (concentration in sample 0.32 ug/ml) GAM APC.



Flow Cytometry: CD8 Antibody (OX-8) [NBP2-12523] - Flow cytometry surface staining pattern of rat thymocyte suspension stained using anti-rat CD8 (OX-8) purified antibody (concentration in sample 0.32 ug/ml) GAM APC.



## Publications

Khaldoyanidi S, Schnabel D, Fohr N, Zoller M. Functional activity of CD44 isoforms in haemopoiesis of the rat. *Br J Haematol*. [PMID: 9012685] (FLOW, Rat)

Kampinga J, Schuurman HJ, Pol GH et al. Vascular thymus transplantation in rats. Technique, morphology, and function. *Transplantation*. 1990-10-01 [PMID: 2219290]

Beyers AD, Spruyt LL, Williams AF. Molecular associations between the T-lymphocyte antigen receptor complex and the surface antigens CD2, CD4, or CD8 and CD5. *Proc Natl Acad Sci U S A*. 1992-04-01 [PMID: 1372996]

Lazo PA, Klein-Szanto AJ, Tschlis PN. T-cell lymphoma lines derived from rat thymomas induced by Moloney murine leukemia virus: phenotypic diversity and its implications. *J Virol*. [PMID: 2196385] (FLOW, IHC-Fr, Rat)

Stumbles PA, Thomas JA et al. Resting respiratory tract dendritic cells preferentially stimulate T helper cell type 2 (Th2) responses and require obligatory cytokine signals for induction of Th1 immunity. *J Exp Med*. [PMID: 9841916] (FLOW, Rat)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

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

### **Products Related to NBP2-12523**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)      |

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### **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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