

# 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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Updated 10/23/2024 v.20.1

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**NBP2-12523**

CD8 Antibody (OX-8) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OX-8
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Target Molecular Weight</b>	34 kDa

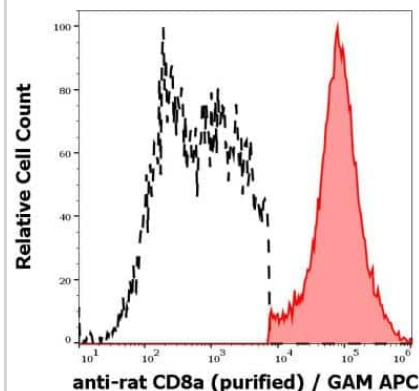
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	925
<b>Gene Symbol</b>	CD8A
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	CD8 Antibody (OX-8) recognizes the hinge-like membrane-proximal domain of rat CD8a (32-34 kDa; alpha chain of the CD8 antigen).
<b>Immunogen</b>	CD8 Antibody (OX-8) was developed against high Mw glycoproteins from rat thymocytes

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize, CyTOF-ready
<b>Recommended Dilutions</b>	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, Block/Neutralize
<b>Application Notes</b>	This antibody is Cytof ready.

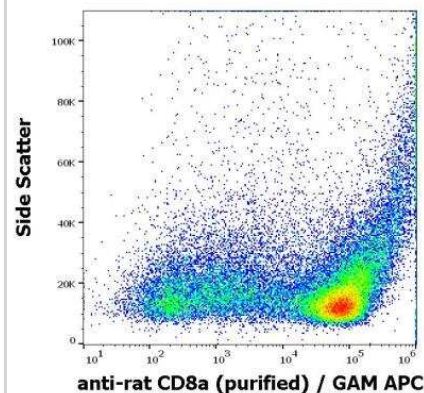


## Images

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)



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

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-36743PEP	CD8 Recombinant Protein Antigen

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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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