

# Product Datasheet

## CD98 Antibody (44D7) - BSA Free NB600-772

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NB600-772**

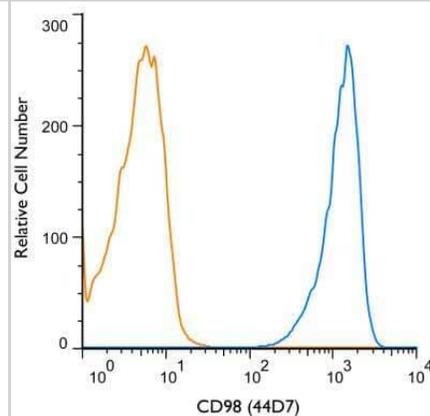
CD98 Antibody (44D7) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	44D7
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse CD98 Antibody (44D7) - BSA Free (NB600-772) is a monoclonal antibody validated for use in IHC, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6520
<b>Gene Symbol</b>	SLC3A2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The reacts with the heavy chain of the CD98 molecule. It binds to all cell lines in culture and to activated T cells.
<b>Immunogen</b>	HOON pre-B leukaemia cell line
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 1:50-1:200, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	For Flow Cytometry: Use Use 10 ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100 ul.

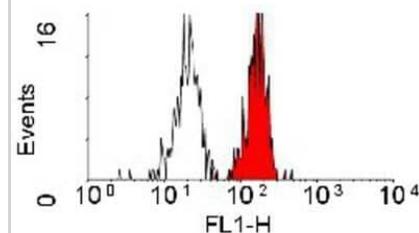


## Images

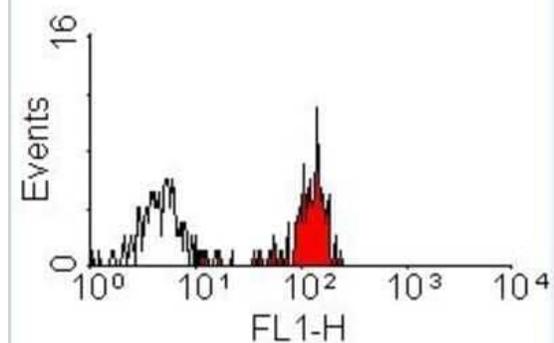
Flow Cytometry: CD98 Antibody (44D7) [NB600-772] - A surface stain was performed on K562 cells with CD98 (44D7) antibody NB600-772 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature, followed by mouse F(ab)<sub>2</sub> IgG (H+L) APC-conjugated secondary antibody (F0101B, R&D Systems).



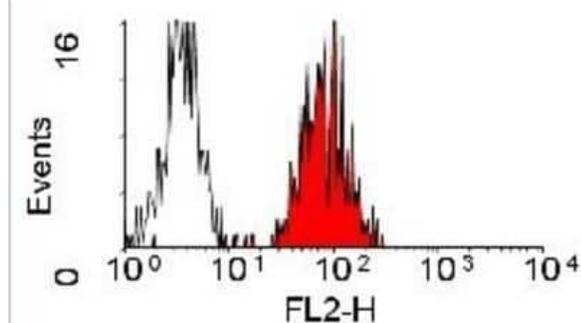
Flow Cytometry: CD98 Antibody (44D7) [NB600-772] - Staining of human peripheral blood monocytes with mouse anti human CD98, using F(ab)<sub>2</sub> rabbit anti mouse IgG: FITC (STAR9B) as a secondary antibody.



Flow Cytometry: CD98 Antibody (44D7) [NB600-772] - Analysis using the FITC conjugate of NB600-772. Staining of human peripheral blood monocytes



Flow Cytometry: CD98 Antibody (44D7) [NB600-772] - Analysis using the PE conjugate of NB600-772. Staining of human peripheral blood monocytes with mouse anti human CD98: RPE.





### **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 NB600-772**

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NBL1-16154	CD98 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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