

# Product Datasheet

## Fas/TNFRSF6/CD95 Antibody (LT95) - BSA Free NB500-503

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NB500-503**

Fas/TNFRSF6/CD95 Antibody (LT95) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	LT95
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	46 kDa

Product Description	
Description	Novus Biologicals Mouse Fas/TNFRSF6/CD95 Antibody (LT95) - BSA Free (NB500-503) is a monoclonal antibody validated for use in IHC and Flow. Anti-Fas/TNFRSF6/CD95 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	355
Gene Symbol	FAS
Species	Human
Specificity/Sensitivity	The antibody LT95 reacts with CD95 (Fas/APO-1), a 46 kDa single chain type I glycoprotein of the tumour necrosis factor/nerve growth factor (TNF/NGF) receptor superfamily, expressed on a variety of normal and neoplastic cells. It seems that the antibody LT95 does not induce Fas mediated apoptosis, although it cross-blocks anti-Fas DX2 antibody that recognizes a functional epitope of Fas molecule.
Immunogen	HUT-78 human T cell lymphoma cell line

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-12 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

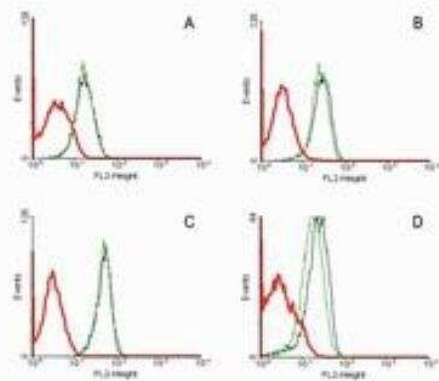


## Images

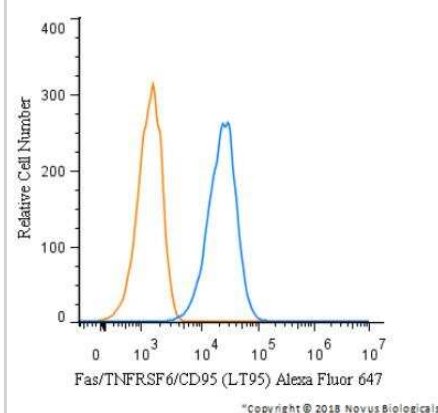
Flow Cytometry: Fas Receptor/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - ytomety analysis of Fas (CD95) expression on the surface of various hematopoietic cell lines with purified anti-human CD95 (LT95) (detection by Goat anti-mouse IgG1 PE). Histograms: Red - Isotype mouse IgG1 control staining Black - standard anti-CD95 monoclonal antibody Green - anti-CD95 (LT95) A - JURKAT human peripheral blood T cell leukemia cell line B - RAMOS human Burkitt lymphoma cell line C - CEM human leukemia cell line D - MOLT-4 human acute lymphoblastic T cell leukemia cell line



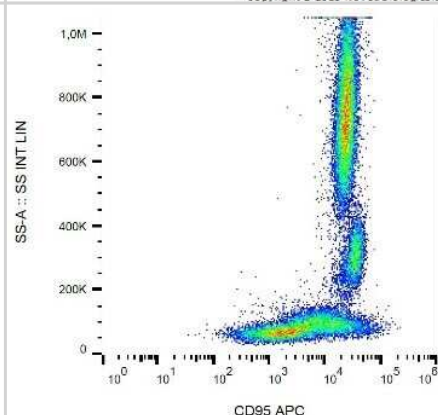
Flow Cytometry: Fas Receptor/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - Fas/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - Fig. 1. Flow cytometry analysis of Fas (CD95) expression on the surface of various hematopoietic cell lines with purified anti-human CD95 (LT95) (detection by Goat anti-mouse IgG1 PE). Histograms: Red - Isotype mouse IgG1 control staining Black - standard anti-CD95 monoclonal antibody Green - anti-CD95 (LT95) A. JURKAT human peripheral blood T cell leukemia cell line B. RAMOS human Burkitt lymphoma cell line C. CEM human leukemia cell line D. MOLT-4 human acute lymphoblastic T cell leukemia cell line.



Flow Cytometry: Fas Receptor/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - Fas/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - A surface stain was performed on HeLa with Fas/TNFRSF6/CD95 Antibody (LT95) NB500-503AF647 and a matched isotype control. Cells were incubated in an antibody dilution of 2.5 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



Flow Cytometry: Fas Receptor/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - Fas/TNFRSF6/CD95 Antibody (LT95) [NB500-503] - Using the Allophycocyanin direct conjugate Surface staining of human peripheral blood cells with anti-CD95 (LT95) APC.



## Publications

Liu Y, Sardana R, Nemirovsky D et Al. Somatic mutations in FAS pathway increase hemophagocytic lymphohistiocytosis risk in patients with T- and/or NK-cell lymphoma Blood Adv 2024-04-10 [PMID: 38593227]

Shah, AH et al. Adenovirus RID{alpha} regulates endosome maturation by mimicking GTP-Rab7 J Cell Biol 2007-01-01 [PMID: 18039930]

### Details:

This citation used the FITC version of this antibody.





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### **Products Related to NB500-503**

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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)
NBP2-61594-5ug	Recombinant Human Fas/TNFRSF6/CD95 Protein

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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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