## **Product Datasheet**

### xCT Antibody [mFluor Violet 500 SE] NB300-318MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/20/2023 v.20.1

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#### NB300-318MFV500

xCT Antibody [mFluor Violet 500 SE]

Product Information				
Unit Size	0.1 ml			
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.			
Storage	Store at 4C in the dark.			
Clonality	Polyclonal			
Preservative	0.05% Sodium Azide			
Isotype	IgG			
Conjugate	mFluor Violet 500 SE			
Purity	Immunogen affinity purified			
Buffer	50mM Sodium Borate			
Product Description				
Host	Rabbit			
Gene ID	23657			
Gene Symbol	SLC7A11			
Species	Human, Mouse, Rat			
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 21540084).			
Immunogen	This xCT Antibody was prepared from a synthetic peptide made to an N-terminal region of the human xCT protein (between residues 1-50) [UniProt Q9UPY5].			
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. 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.			
Product Application Details				
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Dual RNAscope ISH-IHC, Immunoprecipitation (Negative)			
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation (Negative), Dual RNAscope ISH-IHC			
Application Notes	Optimal dilution of this antibody should be experimentally determined.			

#### Images

xCT Antibody [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.

	mFluor™∖		
	LASER (nm)	FILTER	
mFluor" Violet 500	Violet (405)	515/20	
	EXCITATION MAX (nm)	EMISSION MAX (nm)	1
	410	501	
CAUTOR-Research Use Di			

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#### Products Related to NB300-318MFV500

NB300-317PEP	xCT Antibody Blocking Peptide
NB300-318PEP	xCT Antibody Blocking Peptide
NBP1-32822	Nrf2 Antibody
NB300-164	Bestrophin 1 Antibody (E6-6) - BSA Free

#### 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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