# **Product Datasheet**

## TfR (Transferrin R) Antibody (MEM-189) [mFluor Violet 450 SE] NB500-493MFV450

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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#### NB500-493MFV450

TfR (Transferrin R) Antibody (MEM-189) [mFluor Violet 450 SE]

TfR (Transferrin R) Antibody (ME	M-189) [mFluor Violet 450 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	Monoclonal
Clone	MEM-189
Preservative	0.05% Sodium Azide
Isotype	lgG1
Conjugate	mFluor Violet 450 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	7037
Gene Symbol	TFRC
Species	Human
Marker	Recycling Endosome Marker
Specificity/Sensitivity	The antibody MEM-189 reacts with CD71 antigen (transferrin receptor), a 95 kDa type II homodimeric transmembrane glycoprotein expressed on activated B and lymphocytes, macrophages and erythroid precursors; it is lost on resting blood leukocytes. The antibody MEM-189 does not block binding of transferrin to the receptor. HLDA VI; WS Code NL N-L025
Immunogen	KG1 human acute myelogenous leukaemia cell line (NM_001128148.1).

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Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

#### Images

TfR (Transferrin R) Antibody (MEM-189) [mFluor Violet 450 SE] [NB500-493MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.

500-				
and				
		mFluor™∖	/iolet 450	)
		LASER (nm)	FILTER	]
	<sup>InFluor<sup>™</sup> Violet 45<sup>0</sup></sup>	Violet (405)	450/45	]
		EXCITATION MAX (nm)	EMISSION MAX (nm)	]
	SNOV15	406	445	
	CAUTION -Research Use Driv			

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## Products Related to NB500-493MFV450

NB100-92243PEP	TfR (Transferrin R) Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
2474-TR-050	TfR (Transferrin R) [Unconjugated]
202-IL-010	IL-2 [Unconjugated]

#### 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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