

# Product Datasheet

## **B7-1/CD80 Antibody (RM80) [mFluor Violet 610 SE] NBP3-11977MFV610**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11977MFV610**

B7-1/CD80 Antibody (RM80) [mFluor Violet 610 SE]

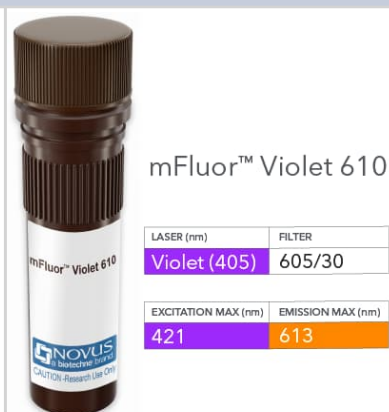
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	RM80
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	mFluor Violet 610 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rat
Gene ID	941
Gene Symbol	CD80
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine B7-1/CD80, a ~55 kDa member of the Ig superfamily. B7-1/CD80 is expressed by macrophages, dendritic cells, activated B cells, and activated T cells. B7-1/CD80 has high affinity for binding to two T cell surface antigens, CD28 and CD152 (CTLA-4). The interaction of CD28 and CD152 with B7-1/CD80 is crucial in T-B cell communication leading to the activation of T and B cells, respectively.
Immunogen	This antibody was raised by immunising Sprague Dawley rats with a mouse B cell line, BCL1 and fusing immune splenocytes with P3U1 myeloma cells.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Images**

B7-1/CD80 Antibody (RM80) [mFluor Violet 610 SE] [NBP3-11977MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.





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### **Products Related to NBP3-11977MFV610**

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NBP2-26578	Recombinant Mouse B7-1/CD80 Protein
210-TA-005	TNF-alpha [Unconjugated]
740-B1-100	B7-1/CD80 [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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