

# Product Datasheet

## CD45RB Antibody (MEM-55) NBP1-42230

Unit Size: 0.1 mg

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-42230](http://www.novusbio.com/NBP1-42230)

Updated 5/23/2024 v.20.1

**Earn rewards for product reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-42230](http://www.novusbio.com/reviews/destination/NBP1-42230)



**NBP1-42230**

CD45RB Antibody (MEM-55)

**Product Information**

<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>	MEM-55
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.4)

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	5788
<b>Gene Symbol</b>	PTPRC
<b>Species</b>	Rat
<b>Reactivity Notes</b>	Rat
<b>Specificity/Sensitivity</b>	CD45RB is present on B-cells, a subpopulation of T-cells, monocytes, macrophages and granulocytes. This antibody reacts with a carbohydrate epitope of CD45RB, a sialidase sensitive epitope which is expressed on most PBL.
<b>Immunogen</b>	The antibody reacts with the CD45RB antigen.

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, CyTOF-ready
<b>Application Notes</b>	This antibody is very useful for: - Flow cytometry - Western blotting (reduced and non-reduced). - Immunoprecipitation - Immunohistochemistry. For immunohistochemistry no treatment of paraffin sections is necessary. This antibody is CyTOF ready.



## 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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-42230](http://www.novusbio.com/reviews/submit/NBP1-42230)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)