

# Product Datasheet

## SIRP alpha/CD172a Antibody (OX-41) [Allophycocyanin] NB100-65530APC

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-65530APC**

SIRP alpha/CD172a Antibody (OX-41) [Allophycocyanin]

Product Information	
Unit Size	0.25 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	OX-41
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	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.
Host	Mouse
Gene ID	140885
Gene Symbol	SIRPA
Species	Rat
Reactivity Notes	Reacts with Rat. Use in Mouse reported in scientific literature (PMID:34413330)
Specificity/Sensitivity	NB100-65530 recognizes rat CD172a, also known as Signal regulatory protein (SIRP). CD172a is expressed selectively by myeloid cells and by neurons. MRC OX-41 binds to a different epitope on SIRP than ED9. It does not block the interaction of CD172a - CD47.
Immunogen	Rat peritoneal macrophages

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunofluorescence



## Images

SIRP alpha/CD172a Antibody (OX-41) [Allophycocyanin] [NB100-65530APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.



Allophycocyanin (APC)

LASER (nm)	FILTER
Red (633,640)	660/10

EXCITATION MAX (nm)	EMISSION MAX (nm)
650	660



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### Products Related to NB100-65530APC

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IC003A	Mouse IgG2a Isotype Control (20102) [Allophycocyanin]
NB100-65530PE	SIRP alpha/CD172a Antibody (OX-41) [PE]
NBP2-58429PEP	SIRP alpha/CD172a Recombinant Protein Antigen
210-TA-005	TNF-alpha [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.

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