

# Product Datasheet

## SIRP alpha/CD172a Antibody (OX-41) [Biotin] NB100-65783-100ug

Unit Size: 100 ug

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

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**NB100-65783-100ug**

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

Product Information	
Unit Size	100 ug
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-41
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS
Product Description	
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	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry Neat, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	This product requires protein digestion pretreatment of paraffin sections e.g. trypsin or pronase.





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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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