

# Product Datasheet

## 2B4/CD244/SLAMF4 Antibody (244F4) - BSA Free NBP2-00223-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP2-00223-100ug**

2B4/CD244/SLAMF4 Antibody (244F4) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	244F4
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

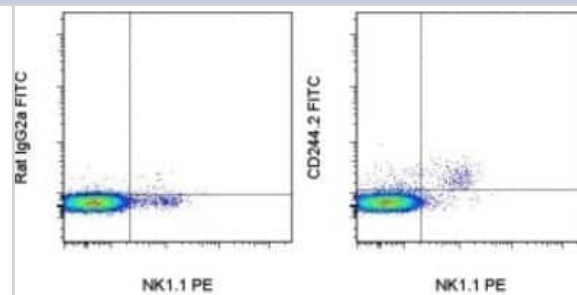
Product Description	
Description	Novus Biologicals Rat 2B4/CD244/SLAMF4 Antibody (244F4) - BSA Free (NBP2-00223) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-2B4/CD244/SLAMF4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	51744
Gene Symbol	CD244
Species	Mouse
Reactivity Notes	Mouse
Immunogen	The immunogen for this antibody is CD244.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry
Application Notes	Use in IHC reported in scientific literature (PMID:35236758) This 244F4 antibody has been tested by flow cytometric analysis of IL-2-stimulated mouse splenocytes. This can be used at less than or equal to 0.06 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 uL. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test. This 244F4 antibody has also been reported for use in immunoblotting (WB). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest..

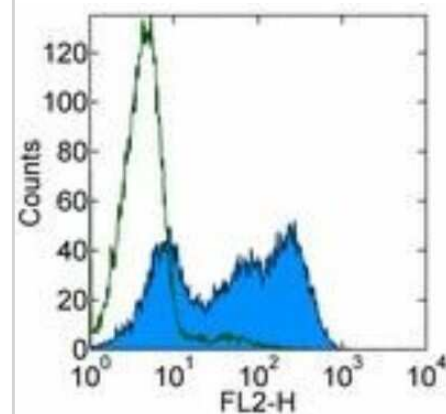


## Images

Flow Cytometry: 2B4/CD244/SLAMF4 Antibody (244F4) [NBP2-00223] - Analysis using the FITC conjugate of NBP2-00223. Staining of C57Bl/6 splenocytes with Anti-Mouse NK1.1 PE and 0.125 ug of Rat IgG2a K Isotype Control FITC (left) or 0.125 ug of Anti-Mouse CD244.2 (2B4) FITC (right).



Flow Cytometry: 2B4/CD244/SLAMF4 Antibody (244F4) [NBP2-00223] - C57BL/6 splenocytes were cultured for 6 days in Mouse IL-2 Recombinant Protein and subsequently stained with 0.125 ug of Anti-Mouse CD244.2 (2B4) Purified (filled histogram) or 0.125 ug of Rat IgG2a kappa Isotype Control Purified (cat 14-4321) (open histo



## Publications

Miyai Y, Sugiyama D, Hase T et al. Meflin-positive cancer-associated fibroblasts enhance tumor response to immune checkpoint blockade Life science alliance 2022-06-01 [PMID: 35236758] (IF/IHC, Human)



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### **Products Related to NBP2-00223-100ug**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)

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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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