

Product Datasheet

F4/80 Antibody (BM8) [PE] NBP2-22134-100Tests

Unit Size: 100 Tests

Store at 4C in the dark.

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NBP2-22134-100Tests

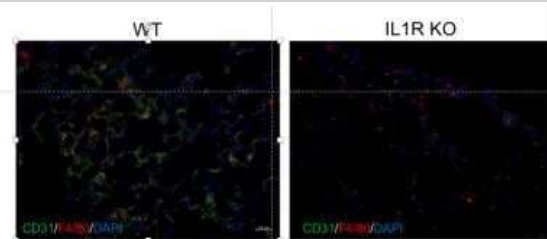
F4/80 Antibody (BM8) [PE]

Product Information	
Unit Size	100 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	BM8
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Conjugate	PE
Purity	Protein A or G purified
Buffer	PBS and 1.0% BSA
Product Description	
Host	Rat
Gene ID	13733
Gene Symbol	Adgre1
Species	Mouse
Marker	Macrophage Marker
Immunogen	This F4/80 Antibody (BM8) was developed against BALB/c macrophages obtained from 14-day-old bone marrow cell cultures.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Knockout Validated
Application Notes	This antibody works in Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Western Blot. The typical starting working dilution is 1:50. F4/80 is sensitive to 2-mercaptoethanol. The antibody requires proteinase K treatment of paraffin sections. IHC-P and Flow reported in a verified customer review.

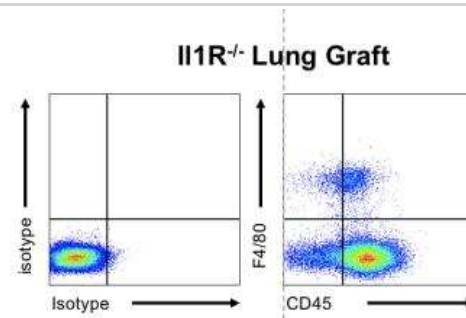


Images

Immunohistochemistry-Frozen: F4/80 Antibody (BM8) [PE] [NBP2-22134] - Red: F4/80, Green: CD31/PECAM-1, Blue: DAPI+ nuclei. Frozen mouse lung tissues of WT B6 and IL1R^{-/-} (knockout) mice were blocked with 1% BSA in PBS and were double stained with PE-conjugated F4/80 and Alex647-conjugated CD31/PECAM-1 antibody (MEC 7.46) for 2 hours at the room temperature. This image was submitted via a customer review.



Flow Cytometry: F4/80 Antibody (BM8) [PE] [NBP2-22134] - Splenocytes isolated from a IL1R^{-/-} mouse (IL1b receptor KO) were stained with F4/80 Antibody (BM8) and CD45-e450 (1:100 in FACS buffer) for 30 minutes. Cells were then washed and analyzed by flow cytometry. Left panel shows the isotype control. This image was submitted via a customer review.





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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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