

# F4/80 Monoclonal Antibody (BM8), Biotin

Product Details	
Size	1 mL
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	BM8
Conjugate	Biotin
Immunogen	mouse F4/80 which is a macrophage-restricted cell surface glycoprotein.
Form	Liquid
Concentration	0.3 mg/mL
Storage conditions	4° C
RRID	AB_10372665

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	5 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	Assay-dependent	5 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Immunohistochemistry (5)

<p>Scientific reports</p> <p><b>Multidrug-resistant <i>Pseudomonas aeruginosa</i> aggravates inflammatory responses in murine chronic colitis.</b></p> <p>"MF48015 was used in Immunohistochemistry to study whether chronic murine gut inflammation facilitates intestinal multi-drug resistant <i>Pseudomonas aeruginosa</i> colonisation, and whether bacterial infection subsequently worsens colonic immunopathology."</p> <p>Authors: von Klitzing E,Ekmekciu I,Kühl AA,Bereswill S,Heimesaat MM</p>	<p>Year 2018</p> <p>Species Mouse</p> <p>Dilution 1:100</p>
<p>Nature immunology</p> <p><b>Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens.</b></p> <p>"MF48015 was used in immunohistochemistry to identify CD11b(+) classical dendritic cells as the source of IL-23 in C. rodentium infected mice"</p> <p>Authors: Satpathy AT,Briseño CG, Lee JS,Ng D,Manieri NA,Kc W,Wu X,Thomas SR, Lee WL,Turkoz M,McDonald KG, Meredith MM,Song C,Guidos CJ,Newberry RD,Ouyang W,Murphy TL,Stappenbeck TS,Gommerman JL,Nussenzweig MC,Colonna M,Kopan R,Murphy KM</p>	<p>Year 2013</p>

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Immunohistochemistry (Paraffin) (1)

<p>Nature medicine</p> <p><b>Nitric oxide mediates aortic disease in mice deficient in the metalloprotease <i>Adams1</i> and in a mouse model of Marfan syndrome.</b></p> <p>"MF48015 was used in immunohistochemistry - paraffin section to determine that metalloproteinase ADAMTS1 and inducible nitric oxide synthase are potential therapeutic targets in individuals with thoracic aortic aneurysms and dissections"</p> <p>Authors: Oller J,Méndez-Barbero N,Ruiz EJ,Villahoz S,Renard M,Canelas LI,Briones AM,Alberca R,Lozano-Vidal N, Hurlé MA,Milewicz D,Evangalista A,Salaices M,Nistal JF,Jiménez-Borreguero LJ,De Backer J,Campanero MR, Redondo JM</p>	<p>Year 2017</p> <p>Species Mouse</p> <p>Dilution 1:50</p>
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Immunohistochemistry (Frozen) (1)

<p>Cell and tissue research</p> <p><b>A monoclonal antibody against an antigen present on mouse macrophages and absent from monocytes.</b></p> <p>"MF48015 was used in immunohistochemistry - frozen section to generate and characterize a monoclonal antibody raised in the rat against cultured mouse bone marrow-derived macrophages"</p> <p>Authors: Malorny U,Michels E,Sorg C</p>	<p>Year 1986</p>
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More applications with references on thermofisher.com

- ICC/IF (1)
- Flow (5)
- Misc (1)

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