CD11b Monoclonal Antibody (M1/70.15), PE-Texas Red

Product Details

Size	500 µL
Species Reactivity	Mouse
Published Species	Rat, Human, Mouse
Host/Isotope	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	M1/70.15
Conjugate	PE-Texas Red®
Immunogen	C57BL/10 splenic T cells and concanavalin A stimulated C57BL/10 splenocytes
Form	Liquid
Concentration	0.2 mg/mL
Purification	purified
Storage buffer	PBS with sucrose, 4mg/mL BSA
Contains	0.1% sodium azide
Storage Conditions	4° C
RRID	AB_10373548

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay Dependent	5 Publications
Immunocytochemistry (ICC)	-	1 Publication
Immunofluorescence (IF)	-	1 Publication

Product Specific Information

The M1/70.15 monoclonal antibody (mAb) reacts with the alpha-M subunit of Mac-1 (CD11b/CD18). For this PE-Texas Red™ conjugate: excitation 488 nm/peak emission 616 (nm). Applications for the M1/70.15 mAb include immunoprecipitation, immunostaining for flow cytometry, IHC of acetone-fixed frozen sections, and blocking of CR3-mediated rosetting.

Use dim light during handling, incubation with cells and prior to analysis. It is recommended that cells be analyzed within 18 hours of staining. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted. Every lot is tested by flow cytometry using freshly harvested mouse blood.

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Immunocytochemistry (1)

Molecular therapy : the journal of the American Society of Gene Therapy

Therapeutic Delivery of miR-148a Suppresses Ventricular Dilation in Heart Failure.

"RM2817 was used in Immunocytochemistry-immunoflourescence to study the ability of miR-148a to prevent the transition of pressure-overload induced concentric hypertrophic remodelling toward eccentric hypertrophy and dilated cardiomyopathy."

Authors: Raso A,Dirkx E,Philippen LE,Fernandez-Celis A,De Majo F,Sampaio-Pinto V,Sansonetti M,Juni R,El Azzouzi H,Calore M,Bitsch N,Olieslagers S,Oerlemans MIFJ,Huibers MM,de Weger RA,Reckman YJ,Pinto YM,Zentilin L, Zacchigna S,Giacca M,da Costa Martins PA,López-Andrés N,De Windt LJ

Species
Rat

Dilution
1:800

Year
2019

Immunofluorescence (1)

Molecular therapy : the journal of the American Society of Gene Therapy

Therapeutic Delivery of miR-148a Suppresses Ventricular Dilation in Heart Failure.

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Species
Rat

Dilution
1:800

Year
2019

Flow Cytometry (5)

Cell metabolism

IL-6/Stat3-Dependent Induction of a Distinct, Obesity-Associated NK Cell Subpopulation Deteriorates Energy and Glucose Homeostasis.

"RM2817 was used in Flow cytometry/Cell sorting to demonstrate that obesity-associated inflammation and metabolic disturbances depend on interleukin-6/Stat3-dependent formation of a distinct natural killer population, and provide a target for the treatment of obesity, metaflammation-associated pathologies, and diabetes."

Authors: Theurich S,Tsaousidou E,Hanssen R,Lempradl AM,Mauer J,Timper K,Schilbach K,Folz-Donahue K,Heilinger C,Sexl V,Pospisilik JA,Wunderlich FT,Brüning JC

Species
Human

Dilution
Not Cited

Year
2017

The Journal of experimental medicine

Commensal microbes provide first line defense against *Listeria monocytogenes* infection.

"RM2817 was used in Flow cytometry/Cell sorting to demonstrate a defensive role of the gut microbiota against Listeria monocytogenes infection."

Authors: Becattini S,Littmann ER,Carter RA,Kim SG,Morjaria SM,Ling L,Gyaltshen Y,Fontana E,Taur Y,Leiner IM, Pamer EG

Species
Mouse

Dilution
Not Cited

Year
2017

View more Flow references on thermofisher.com

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