CD11b Monoclonal Antibody (CA16.3E10)

Product Details

Size	2 mL
Species Reactivity	Bovine, Dog, Cat, Goat, Mustelid, Mink, Pig
Published Species	Dog, Bovine
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	CA16.3E10
Conjugate	Unconjugated
Immunogen	Affinity purified beta-2 integrins from splenic lysate
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	tissue culture supernatant
Contains	<0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538103

Applications	Tested Dilution	Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Flow Cytometry (Flow)	Neat	2 Publications
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

The epitope recognized by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommend the use of acetone fixation for frozen sections. For FACS analysis, use 10 μL of the suggested working dilution to label 1x10^6 cells in 100 μL.

Mouse anti Dog CD11b antibody, clone CA16.3E10 is a monoclonal antibody recognising the canine CD11b cell surface antigen, a member of the alpha integrin family.

Support (US): 1 800 955 6288
Support (Outside US): thermofisher.cn/contactus
E-mail: CustomerCare@thermofisher.com

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Flow Cytometry (2)

Frontiers in immunology

Autophagy Induced by Palmitic Acid Regulates Neutrophil Adhesion Through the Granule-Dependent Degradation of M2 Integrin in Dairy Cows With Fatty Liver.

"MA5-16604 was used in Flow cytometry/Cell sorting to demonstrate that high blood PA triggers neutrophil autophagy-dependent vacuolation and granule-dependent adhesion deficiency, decreasing neutrophil mobility, and impairing the innate immune system of dairy cow with fatty liver."

Authors: Peng Z,Zhao C,Du X,Yang Y,Li Y,Song Y,Fang B,Zhang Y,Qin X,Zhang Y,Li X,Wang Z,Li X,Liu G

Year
2021

Species
Bovine

Dilution
1:100

Stem cells international

Isolation and Characterization of Multipotent Canine Urine-Derived Stem Cells.

"MA5-16604 was used in Flow cytometry/Cell sorting to isolate and verify USCs from canine which are useful for studying cell-based therapies and developing new treatments for musculoskeletal injuries using the preclinical canine model."

Authors: Xu Y,Zhang T,Chen Y,Shi Q,Li M,Qin T,Hu J,Lu H,Liu J,Chen C

Year
2020

Species
Dog

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