

# CD36 Monoclonal Antibody (HM36), Alexa Fluor™ 488, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Armenian hamster / IgG
Recommended Isotype Control	Armenian Hamster IgG Isotype Control (eBio299Arm), Alexa Fluor™ 488, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	HM36
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	CHO cells transfected with full-length mouse CD36
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2811851

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	1 Publication

## Product Specific Information

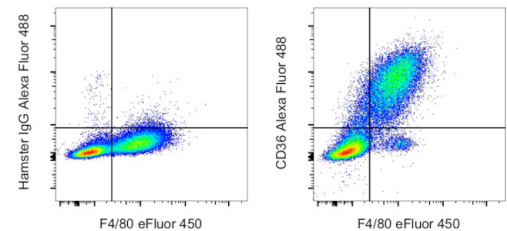
Description: This HM36 antibody recognizes mouse CD36, also known as scavenger receptor BIII.

Applications Reported: This HM36 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This HM36 antibody has been tested by flow cytometric analysis of thioglycolate-elicited peritoneal macrophages. This may be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488 nm; Emission: 519 nm; Laser: Blue Laser

Product Images For CD36 Monoclonal Antibody (HM36), Alexa Fluor™ 488, eBioscience™



**CD36 Antibody (53-0362-82) in Flow**  
BALB/c mouse thioglycolate-elicited peritoneal exudate cells were stained with F4/80 Monoclonal Antibody, eFluor 450 (Product # 48-4801-82) and 0.125 µg of Armenian Hamster IgG Isotype Control, Alexa Fluor 488 (Product # 53-4888-80) (left) or 0.125 µg of CD36 Monoclonal Antibody, Alexa Fluor 488 (right). Total cells were used for analysis.

1 Reference

Flow Cytometry (1)

PLoS pathogens	Year 2021
<b>Carbomer-based adjuvant elicits CD8 T-cell immunity by inducing a distinct metabolic state in cross-presenting dendritic cells.</b>	
"Published figure using CD36 monoclonal antibody (Product # 53-0362-82) in Flow Cytometry"	
Authors: Lee W,Kingstad-Bakke B,Paulson B,Larsen A,Overmyer K,Marinaik CB,Dulli K,Toy R,Vogel G,Mueller KP,Tweed K,Walsh AJ,Russell J,Saha K,Reyes L,Skala MC,Sauer JD,Shayakhmetov DM,Coon J,Roy K,Suresh M	

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