

Datasheet: MCA1369PET

Description:	HAMSTER ANTI MOUSE CD11c:RPE		
Specificity:	CD11c		
Other names:	INTEGRIN ALPHA X CHAIN		
Format:	RPE		
Dun dough Towns	Monoclonal Antibody		
Product Type:	Monocional Antibody		
Clone:	N418		
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# **Product Details**

## **Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	-			Neat - 1/10

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

External Database

Links

**UniProt:** 

Q9QXH4 Related reagents

#### **Entrez Gene:**

16411 Itgax Related reagents

#### **Fusion Partners**

Spleen cells from immunised Armenian Hamster were fused with cells of the Sp2/0 myeloma cell line.

# **Specificity**

**Hamster anti Mouse CD11c antibody, clone N418** recognizes the murine homolog of human CD11c, also known as Integrin Alpha X, a 150/90 kDa member of the beta 2 integrin family. In mice, CD11c is primarily expressed by dendritic cells.

Hamster anti Mouse CD11c antibody, clone N418 has been reported to enhance antigen specific responses when used to target dendritic cells *in vivo* (<u>Wang et al. 2000</u>).

### Flow Cytometry

Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors. This may be reduced by using SeroBlock FcR (<u>BUF041A/B</u>).

#### References

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### Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10075 available at: 10075: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf</a>
Regulatory	For research purposes only

## Related Products

# **Recommended Negative Controls**

### HAMSTER (ARMENIAN) IgG NEGATIVE CONTROL: RPE (MCA2356PE)

North & South Tel: +1 800 265 7376

America

Fax: +1 919 878 3751

Worldwide

Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody\_sales\_de@bio-rad.com

Email: antibody\_sales\_us@bio-rad.com

Email: antibody\_sales\_uk@bio-rad.com

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