

DATASHEET

JAM3 Mouse Monoclonal Antibody(C2786)

CAT. NO. AMA02398

KEY FEATURES

Target	JAM3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Junctional adhesion protein that mediates heterotypic cell-cell interactions with its cognate receptor JAM2 to regulate different cellular processes . Plays a role in homing and mobilization of hematopoietic stem and progenitor cells within the bone marrow. At the surface of bone marrow stromal cells, it contributes to the retention of the hematopoietic stem and progenitor cells expressing JAM3 . Plays a central role in leukocytes extravasation by facilitating transmigration through the endothelium .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to JAM3
Specificity	Recognizes endogenous levels of JAM3 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human JAM3 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 35 kD; Observed: 35 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Junctional adhesion molecule C; JAM-C; JAM-2; Junctional adhesion molecule 3; JAM-3
Gene Symbol	JAM3
Entrez Gene	83700(Human)
SwissProt	Q9BX67(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

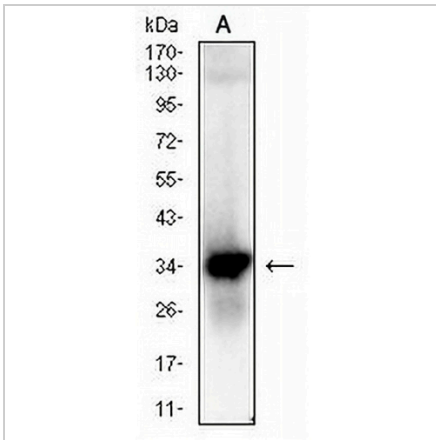
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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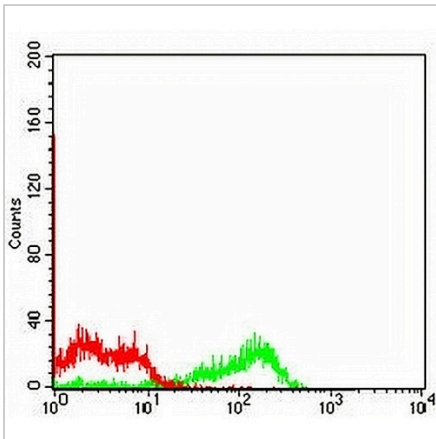
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DATA



Western blot analysis of JAM3 expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 35 kD)



Flow cytometric analysis of HEK293 cells using Anti-JAM3 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.