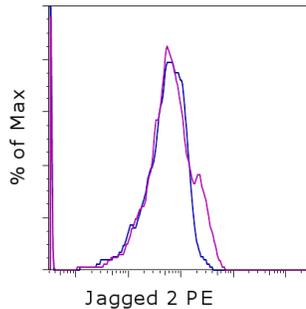


Anti-Mouse Jagged 2 PE

Catalog Number: 12-3392

Also known as: JAG2

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of CD8+CD11c+ C57BL/6 splenocytes with 0.5 ug of Armenian Hamster IgG Isotype Control PE (cat. 12-4888) (blue histogram) or 0.5 ug of Anti-Mouse Jagged 2 PE (purple histogram). Total viable cells were used for analysis.

Product Information



Contents: Anti-Mouse Jagged 2 PE

Catalog Number: 12-3392

Clone: HMJ2-1

Concentration: 0.2 mg/mL

Host/Isotype: Armenian Hamster IgG



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide



Description

This HMJ2-1 monoclonal antibody reacts with mouse Jagged-2, one of five type I transmembrane proteins that serves as a Notch receptor ligand. Upon binding the Notch receptor (e.g., Notch 1-4), Jagged-2 undergoes proteolytic cleavage, first by ADAM-family metalloproteases and then by gamma-secretase. The second cleavage event releases an intracellular fragment whose biological function remains controversial. Jagged-2 is expressed by thymic lymphoid and stromal cells, as well as macrophages and dendritic cells in the spleen.

Note: Staining of endogenous splenic dendritic (CD8⁺CD11c⁺) cells could only be consistently confirmed in cells isolated from C57BL/6, but not Balb/c, mice. Other strains have not been tested. The antibody has been reported to crossreact to rat and have blocking function.

Applications Reported

This HMJ2-1 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HMJ2-1 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 1 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

This HMJ2-1 monoclonal antibody reacts with mouse Jagged-2, one of five type I transmembrane proteins that serves as a Notch receptor ligand. Upon binding the Notch receptor (e.g., Notch 1-4), Jagged-2 undergoes proteolytic cleavage, first by ADAM-family metalloproteases and then by gamma-secretase. The second cleavage event releases an intracellular fragment whose biological function remains controversial. Jagged-2 is expressed by thymic lymphoid and stromal cells, as well as macrophages and dendritic cells in the spleen.

Note: Staining of endogenous splenic dendritic (CD8⁺CD11c⁺) cells could only be consistently confirmed in cells

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com

Anti-Mouse Jagged 2 PE

Catalog Number: 12-3392

Also known as: JAG2

RUO: For Research Use Only. Not for use in diagnostic procedures.

isolated from C57BL/6, but not Balb/c, mice. Other strains have not been tested. The antibody has been reported to crossreact to rat and have blocking function.

Related Products

11-0081 Anti-Mouse CD8a FITC (53-6.7)

12-4888 Armenian Hamster IgG Isotype Control PE (eBio299Arm)

17-0114 Anti-Mouse CD11c APC (N418)

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com