

PE anti-mouse Jagged 2

Catalog # / Size: 131007 / 50 µg

Clone: HMJ2-1

Isotype: Armenian Hamster IgG

Immunogen: CHO cells expressing murine Jagged-2

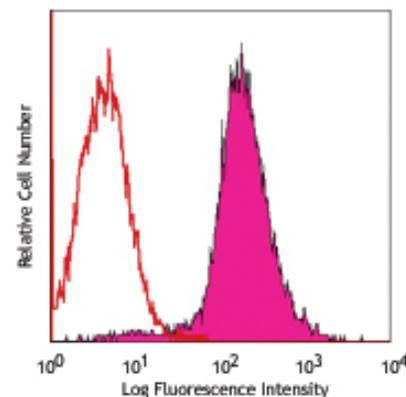
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



FJ2/CHO transfected cells stained with HMJ2-1 PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Moriyama Y, *et al.* 2008. *Int. Immunol.* 20:763 (FC)

Description: The Notch receptors and their ligands are highly conserved from invertebrates to mammals. The Jagged-2 is one of the several Notch ligands identified. The binding of Notch receptor results in the proteolysis of Notch and movement of intracellular portion of Notch into the nucleus. This translocation triggers a series of signaling process. Jagged-2 is reported to be essential for the regulation of spermatogenesis.

Antigen References: 1. Ehebauer MT, *et al.* 2006. *Biochem J* 392:13
2. Shimizu K, *et al.* 2000. *Mol Cell Biology* 20:18
3. Hellstrom M, *et al.* 2007. *Nature* 445:776
4. Luo B, *et al.* 1997. *Mol Cell Biol.* 17:6057

Related Products:

Product
PE Armenian Hamster IgG Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
TruStain fcX™ (anti-mouse CD16/32)

Clone
HTK888

93

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC



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