

## PE anti-mouse JAML

**Catalog # / Size:** 128503 / 50 µg

**Clone:** 4E10

**Isotype:** Armenian Hamster IgG

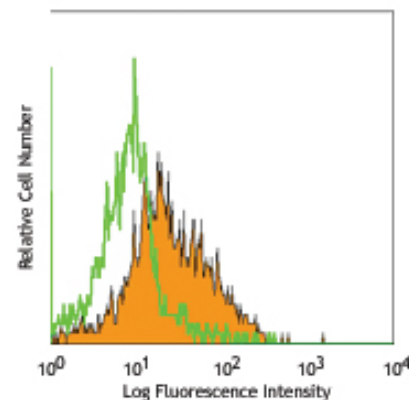
**Reactivity:** Mouse

**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.**



BALB/c mouse bone marrow cells  
(gated on myeloid cell population)  
stained with 4E10 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  $\leq 0.5 \mu\text{g}$  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. Zen K, *et al.* 2005. *Mol Biol Cell* 16:2694

**Description:** JAML is a type I integral transmembrane protein with 2 extracellular IgSF domains characteristic of many proteins implicated in cell to cell interactions. JAML is primarily expressed on granulocytes and reported to be involved in neutrophil migration across tight junctions by its adhesive interaction with epithelial Coxsackie and adenovirus receptor (CAR).

**Antigen References:** 1. Moog-Lutz C *et al.* 2003. *Blood* 102 :3371

### Related Products:

Product	Clone	Application
PE Armenian Hamster IgG Isotype Ctrl	HTK888	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
TruStain fcX™ (anti-mouse CD16/32)	93	FC



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