



Anti mouse Endomucin antibody, Unlabeled

Cat#: REC-RCAB008M-F Quantity: 100 μ L

【Background】

Endomucin is an endothelial sialomucin closely related to CD34. High expression of Endomucin was confined to the mouse bone marrow KSL hematopoietic stem cells (HSCs) and progenitor cells, and, importantly, long-term repopulating (LTR)-HSCs were exclusively present in the Endomucin+CD34-KSL population. Notably, in the yolk sac, Endomucin expression separated multipotent hematopoietic cells from committed erythroid progenitor in the cell fraction positive for CD41, an early embryonic hematopoietic marker.

【Product information】

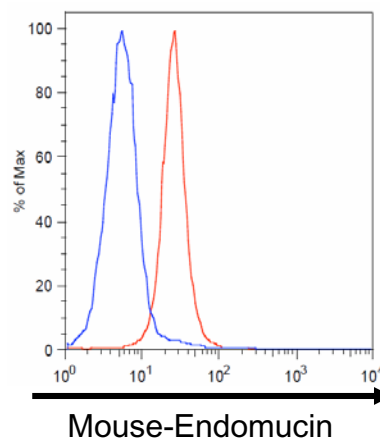
Host	Rat
Specificity	mouse
Clone name	1E7
Concentration	1mg/mL
Application	Western Blot Immunocytochemistry Immunoprecipitation FCM
Storage Buffer	PBS (incl.0.01% sodium azide)
Storage instructions	4°C

Application notes	Western Blot	1/300-1/1000
	Immunocytochemistry	1/150-1/700
	FCM	1/50-1/100

【Application】

Flow cytometry Analysis

Detection of cell membrane mouse Endomucin in Ba/F3 cell lines. Cells were stained using anti mouse-Endomucin antibody and anti-rat IgG FITC conjugated mAb (red) or the isotype control (blue). Flow cytometry was performed on FACSCalibur.



【Reference】 (1) Azusa M, et al. JEM (2005) Dec 5, Vol. 202 No.11, p1483

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