

CD45 / PTPRC Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10086-MM05

GENERAL INFORMATION	
Immunogen:	10086-H02H
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD45 (rh CD45; Catalog#10086-H02H; NP_563578.2; Met1-Lys416). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	05
Specificity:	Human CD45
	No cross-reactivity in ELISA with Human cell lysate (293 cell line)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Alternative Names:	B220
APPLICATIONS	
Applications:	ELISA,FCM,ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
ELISA	ELISA: 1:1000-1:2000

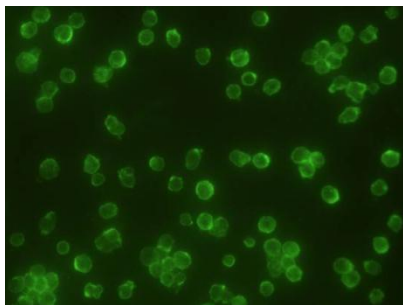
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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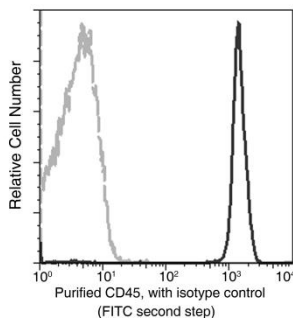


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Immunofluorescence staining of Human CD45 in Jurkat cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with mouse anti-Human CD45 monoclonal antibody (dilution ratio 1:60). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green). Positive staining was localized to membrane.



Flow cytometric analysis of Human CD45 expression on human whole blood lymphocytes. Cells were stained with purified anti-Human CD45, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.

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