

MMP-2 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10082-MM05

GENERAL INFORMATION	
Immunogen:	Recombinant Human MMP-2 protein (Catalog#10082-HNAH)
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 MMP-2 (rh MMP-2; Catalog#10082-HNAH; NP_004521.1; Met 1-Cys660). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG2a
Clone ID:	05
Specificity:	Human MMP-2
	No cross-reactivity in ELISA with Human MMP1 Human MMP7 Human MMP9 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. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	ELISA, FCM
RECOMMENDED CONCENTRATION	
Flow Cytometry	FCM: 1:25-1:100
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human MMP2.

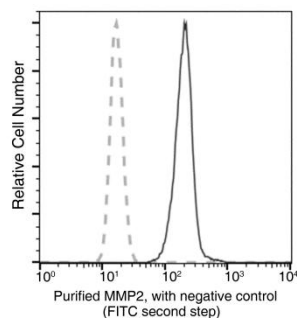
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Flow cytometric analysis of Human MMP2 expression on MG63 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human MMP2, 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.