

CD146 / MCAM Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10115-MM05

GENERAL INFORMATION	
Immunogen:	Recombinant Human CD146 protein (Catalog#10115-H08H)
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 CD146 / MCAM extracellular domain (rh CD146; Catalog#10115-H08H; NP_006491.2; Met 1-Gly 559). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	2E2F4D5
Specificity:	Human CD146 / MCAM
	No cross-reactivity in ELISA and WB (100ng/lane) with Human CD66a / CEACAM1 Human CD166 / alcama Human CD106 / VCAM1 Human CD226 / DNAM-1 Human BCAM / CD239 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,ELISA(Cap)
RECOMMENDED CONCENTRATION	
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect Human CD146.
Sandwich ELISA (Capture Ab)	ELISA(Cap): 1:250-1:2000 This antibody will detect Human CD146 / MCAM in ELISA pair set (Catalog: # SEK10115). In a sandwich ELISA, it can be used as capture antibody when paired with (Catalog: # 10115-R044).

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