



HAMSTER ANTI-MOUSE INTEGRIN alpha2 [CD49b] MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL1345	QUANTITY:	500 µg
LOT NUMBER:		CONCENTRATION:	0.5 mg/mL
CLONE NAME:	HMalpha2	HOST/ISOTYPE:	A Hmst IgG
ALTERNATE NAMES:	CD49b; VLA-2alpha		
BACKGROUND:	The complex of CD49b (integrin alpha2) associated with CD29 (integrin beta1) is a receptor for laminin and collagen. This complex is expressed by some CD4-positive T cells, natural killer cells, epithelial cells and platelets.		
SPECIFICITY:	Specifically recognizes the 150 kDa mouse CD49b, also known as integrin alpha2.		
APPLICATIONS:	Immunoprecipitation Immunohistochemistry: Frozen tissue Immunofluorescence Flow Cytometry: $\leq .5$ µg per 10^6 cells in 100 µL volume Blocking <i>Optimal working dilutions must be determined by end user.</i>		
SPECIES REACTIVITY:	Reacts with mouse. Reactivity with other species has not been determined.		
PRESENTATION:	Affinity purified immunoglobulin in PBS (150 mM NaCl), pH 7.2, containing 0.09% sodium azide.		
STORAGE/HANDLING:	Maintain at 2-8°C for up to 12 months from date of receipt.		
REFERENCES:	Noto, K., Kato, K. et al. (1995). Identification and functional characterization of mouse CD29 with a mAb. <i>Int. Immunol.</i> 7(5) : 2000-2005. Miyake, S., Sakurai, T. et al. (1994). Identification of collagen and laminin receptor integrins on murine T lymphocyte. <i>Eur. J. Immunol.</i> 24(9) : 835-842.		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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