

ITGA4 Monoclonal Antibody (PS/2)

Product Details	
Size	500 µg
Species Reactivity	Human, Mouse
Host/Isotype	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	PS/2
Conjugate	Unconjugated
Immunogen	P815 DBA/2 murine mastocytoma cells.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2265172

Applications	Tested Dilution	Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Flow Cytometry (Flow)	1:50-1:100	-
Immunoprecipitation (IP)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

This product is a low-endotoxin, preservative-free formulation.

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL.

Rat anti Mouse CD49d monoclonal antibody, clone PS/2 recognizes murine alpha 4 integrin (CD49d), a approximately 150 kDa single pass type I membrane glycoprotein that can associate with either beta 1 integrin (CD29) or beta 7 integrin to form heterodimers CD49d/CD29 (VLA-4) and alpha4/beta7 (LPAM-1) respectively (Holzmann et al. 1989).

Miscellaneous PubMed (1)

Journal of cell science	Year 1997
Three mammalian SCAMPs (secretory carrier membrane proteins) are highly related products of distinct genes having similar subcellular distributions.	
"MA1-82769 was used in immunocytochemistry and western blot to study the expression and distribution of three secretory carrier membrane proteins"	
Authors: Singleton DR,Wu TT,Castle JD	

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