

Product datasheet

anti-alpha-6 Integrin (CD49) rat monoclonal, GoH3, supernatant

Short overview

Cat. No.	10709
Quantity	1 ml

Product description

Host	Rat
Antibody Type	Monoclonal
Isotype	IgG2a
Clone	GoH3
Immunogen	Mouse mammary tumor cells
Formulation	Contains 0.09% sodium azide
Synonym	Integrin alpha-6, CD49 antigen-like family member F, VLA-6, CD antigen CD49f [Cleaved into: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain; Processed integrin alpha-6, Alpha6p], ITGA6
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human

Applications

Immunohistochemistry (IHC) - frozen	1:5-1:10
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Background

In cutaneous melanocytic lesions, the level of expression of three integrin subunits (α2, α6, and β3) has been found to be correlated with tumor progression. Mab GoH3, directed against alpha 6-integrins/ CD49f (Laminin receptor, VLA-6), shows a cytoplasmic staining pattern of uveal and cutaneous melanoma cells. Antibody blocks binding of integrin α6 to laminin P1 and E8. In WB reactive with two major bands of 120 and 140 kD under non-reducing conditions.

Positive control: Epithelial tissues.

Product images



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References

Publication	Species	Application
Domke, L and Franke, W. The cell-cell junctions of mammalian testes..., Cell Tissue Res, 375, 451-482, (2019)	bovine	ICC-IF
Nyström, A. et al. Impaired lymphoid extracellular matrix impedes antibacterial immunity in epidermolysis bullosa. Proc.Natl.Acad.Sci.U.S.A. 115, E705-E714 (2018).	human,mouse	IHC (frozen)
P. Ten Berge, P. J., Danen, E. H., van Muijen, G. N., Jager, M. J. & Ruiter, D. J. Integrin expression in uveal melanoma differs from cutaneous melanoma. Invest. Ophthalmol. Vis. Sci. 34, 3635-40 (1993).	human	IHC (frozen)
Sonnenberg, A., Janssen, H., Hogervorst, F., Calafat, J. & Hilgers, J. A complex of platelet glycoproteins Ic and IIa identified by a rat monoclonal antibody. J. Biol. Chem. 262, 10376-83 (1987).	human,mouse	WB,IHC (frozen),IEM,IP