

Product datasheet

anti-alpha-6 Integrin 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 ($\alpha 2$, $\alpha 6$, and $\beta 3$) 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 $\alpha 6$ 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. & Ruiters, 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