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Integrin AlphaV/Beta3

National Cancer Institute

Source

National Cancer Institute. *Integrin AlphaV/Beta3*. NCI Thesaurus. Code C38953.

Involved in cell adhesion and signaling, human Integrin- α V β 3 is composed of type I membrane protein chains Integrin Alpha V (disulfide-linked heavy and light chains) and Integrin Beta 3 that recognize RGD sequences. Multiple heterodimeric alpha/beta combinations result in different integrins. α V/ β 3 is a receptor for cytotactin, fibronectin, laminin, MMP-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin, and von Willebrand factor. (NCI)