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(54) Title: A MONOCLONAL ANTIBODY AND A METHOD THEREOF

(57) Abstract: The present invention relates to a humanized IgG1 isotype anti-CD6 antibody (T1h) that binds to the Scavenger receptor cysteine-rich (SRCR) domain 1(D1) of CD6 present on the surface of thymic epithelial cells, monocytes, activated T cells and a variety of other cells types.

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