

POSSIBLE ANTI-ANTI CD3 (OKT3) ACTIVITY IN RES-1080

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Summary: *RES-1080 (Serolab, Lausanne) is an equine product isolated from hyperimmunized horses. In vitro studies have shown that this compound could stimulate interleukin-1 production and inhibit T cell and mononuclear cell response to anti-CD3. In this instance, immunofluorescence and cell sorting were used to approach the mechanism of inhibition of cell activation by anti-CD3. RES-1080 was shown to be capable of binding to monocytes (via its Fc receptor?) and more specifically on anti-CD3 (via its Fab fragment) previously bound to lymphocytes. These data could explain how RES-1080 could modulate not only monocytes but also T-cell response.*