

VI. SUMMARY

In the conclusion, it has been proved that there is a cell surface molecule that expressed on cells with anomalies in differentiation and proliferation. This molecule termed "1B2" expressed on both haematopoietic and non-haematopoietic cell lines. Its molecular weight is 23 kDa under reducing condition by SDS-PAGE. It is possible that 1B2 molecule is a novel growth factor receptor.

Further investigation for more details, may lead to a development of a serological test for leukemic diagnosis, and a strategy of how to control the growth of such malignancies.