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# Diffuse Large B-Cell Lymphoma Activated B-Cell Type

National Cancer Institute

## Source

National Cancer Institute. *Diffuse Large B-Cell Lymphoma Activated B-Cell Type*. NCI Thesaurus. Code C36081.

A biologic subset of diffuse large B-cell lymphomas with a unique molecular signature or expression profile. It represents approximately 30% of diffuse large B-cell lymphomas, and is characterized by the expression of CD44, PKCbeta1, Cyclin D2, BCL-2, and IRF4/MUM1 genes. Morphologically, these lymphomas are either centroblastic or immunoblastic (ratio 2:1). Patients with this type of diffuse large B-cell lymphoma are reported to have a less favorable outcome compared to those with a germinal center B-cell expression profile, with a 5-year survival rate of 35% and a median survival of 2 years.