

**DAFTAR PUSTAKA**

- Adams, C., Clark-Garvey, S., Porcu, P. and Eischen, C., 2019. Targeting the Bcl-2 Family in B Cell Lymphoma. *Frontiers in Oncology*, 8.
- Akhtar, F. and Bokhari, S., 2022. *Apoptosis*. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK499821/>> [Accessed 8 January 2022].
- Boltežar, L., Prevodnik, V. K., Perme, M. P., Gašljević, G., & Novaković, B. J. (2018). Comparison of the algorithms classifying the ABC and GCB subtypes in diffuse large B-cell lymphoma. *Oncology letters*, 15(5), 6903–6912. <https://doi.org/10.3892/ol.2018.8243>
- Cancer.org. 2021. *Types of B-cell Lymphoma*. [online] Available at: <<https://www.cancer.org/cancer/non-hodgkin-lymphoma/about/b-cell-lymphoma.html>> [Accessed 10 November 2021].
- Cancer.org. 2022. *What Is Non-Hodgkin Lymphoma?*. [online] Available at: <<https://www.cancer.org/cancer/non-hodgkin-lymphoma/about/what-is-non-hodgkin-lymphoma.html>> [Accessed 11 April 2022].
- Cao, W., Liu, Y., Zhang, H., Wang, S., Zhang, L., Zhang, L. and Sun, B., 2008. Expression of LMP-1 and Cyclin D1 protein is correlated with an unfavorable prognosis in nasal type NK/T cell lymphoma. *Molecular Medicine Reports*,.
- Castillo, J. J., Beltran, B. E., Miranda, R. N., Young, K. H., Chavez, J. C., & Sotomayor, E. M. (2016). EBV-positive diffuse large B-cell lymphoma of the elderly: 2016 update on diagnosis, risk-stratification, and management. *American journal of hematology*, 91(5), 529–537. <https://doi.org/10.1002/ajh.24370>
- Chalhoub, N., & Baker, S. J. (2009). PTEN and the PI3-kinase pathway in cancer. *Annual review of pathology*, 4, 127–150. <https://doi.org/10.1146/annurev.pathol.4.110807.092311>
- Crombie, J. and LaCasce, A., 2019. Epstein Barr Virus Associated B-Cell Lymphomas and Iatrogenic Lymphoproliferative Disorders. *Frontiers in Oncology*, 9.
- Davis, R. E., Brown, K. D., Siebenlist, U., & Staudt, L. M. (2001). Constitutive nuclear factor kappaB activity is required for survival of activated B cell-like diffuse large B cell lymphoma cells. *The Journal of experimental medicine*, 194(12), 1861–1874. <https://doi.org/10.1084/jem.194.12.1861>
- Ford, C. A., Petrova, S., Pound, J. D., Voss, J. J., Melville, L., Paterson, M., Farnworth, S. L., Gallimore, A. M., Cuff, S., Wheadon, H., Dobbin, E., Ogden, C. A., Dumitriu, I. E., Dunbar, D. R., Murray, P. G., Ruckerl, D., Allen, J. E., Hume, D. A., van Rooijen, N., Goodlad, J. R., ... Gregory, C. D. (2015). Oncogenic properties of apoptotic tumor cells in aggressive B cell lymphoma. *Current biology : CB*, 25(5), 577–588. <https://doi.org/10.1016/j.cub.2014.12.059>
- Frick, M., Dörken, B., & Lenz, G. (2011). The molecular biology of diffuse large B-cell lymphoma. *Therapeutic advances in hematology*, 2(6), 369–379. <https://doi.org/10.1177/2040620711419001>
- Garrity, M., Burgart, L., Riehle, D., Hill, E., Sebo, T. and Witzig, T., 2003. Identifying and Quantifying Apoptosis: Navigating Technical Pitfalls. *Modern Pathology*, 16(4), pp.389-394.
- Gregory, C. D., & Pound, J. D. (2011). Cell death in the neighbourhood: direct microenvironmental effects of apoptosis in normal and neoplastic tissues. *The Journal of pathology*, 223(2), 177–194. <https://doi.org/10.1002/path.2792>
- Hanahan, D., & Weinberg, R. A. (2011). Hallmarks of cancer: the next generation. *Cell*, 144(5), 646–674. <https://doi.org/10.1016/j.cell.2011.02.013>



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## HUBUNGAN ANTARA EKSPRESI LATENT MEMBRANE PROTEIN 1 (LMP1) DAN APOPTOSIS PADA PASIEN DIFFUSE LARGE B-CELL LYMPHOMA

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- Jamil, A. and Mukkamalla, S., 2022. Lymphoma. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK560826/>> [Accessed 19 April 2022].
- Kale, J., Osterlund, E. and Andrews, D., 2017. BCL-2 family proteins: changing partners in the dance towards death. *Cell Death & Differentiation*, 25(1), pp.65-80.
- Karin, M., 2009. NF- $\kappa$ B as a critical link between inflammation and cancer. *Cold Spring Harbor perspectives in biology*, 1(5), p.a000141.
- Karin, M., Lawrence, T. and Nizet, V., 2006. Innate immunity gone awry: linking microbial infections to chronic inflammation and cancer. *Cell*, 124(4), pp.823-835.
- Kyrylkova, K., Kyryachenko, S., Leid, M. and Kioussi, C., 2012. Detection of Apoptosis by TUNEL Assay. *Methods in Molecular Biology*, pp.41-47.
- Lymphoma Research Foundation. 2021. *Diffuse Large B-Cell Lymphoma - Lymphoma Research Foundation*. [online] Available at: <<https://lymphoma.org/aboutlymphoma/nhl/dlbcl/>> [Accessed 10 November 2021].
- Mao, Y., Lu, M. P., Lin, H., Zhang, D. W., Liu, Y., Li, Q. D., Lv, Z. G., Xu, J. R., Chen, R. J., & Zhu, J. (2013). Prognostic significance of EBV latent membrane protein 1 expression in lymphomas: evidence from 15 studies. *PloS one*, 8(4), e60313. <https://doi.org/10.1371/journal.pone.0060313>
- McKenzie, J., & El-Guindy, A. (2015). Epstein-Barr Virus Lytic Cycle Reactivation. *Current topics in microbiology and immunology*, 391, 237–261. [https://doi.org/10.1007/978-3-319-22834-1\\_8](https://doi.org/10.1007/978-3-319-22834-1_8)
- Nakamura, S. (2008). EBV positive diffuse large B-cell lymphoma of the elderly. *WHO classification of tumours of haematopoietic and lymphoid tissues*, 243-244.
- Newbold, A., Martin, B., Cullinane, C. and Bots, M., 2014. Detection of Apoptotic Cells Using Immunohistochemistry. *Cold Spring Harbor Protocols*, 2014(11), p.pdb.prot082537.
- Ok, C. Y., Papatomas, T. G., Medeiros, L. J., & Young, K. H. (2013). EBV-positive diffuse large B-cell lymphoma of the elderly. *Blood*, 122(3), 328–340. <https://doi.org/10.1182/blood-2013-03-489708>
- Padala, S. and Kallam, A., 2021. *Diffuse Large B Cell Lymphoma*. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK557796/>> [Accessed 10 November 2021].
- Pratt, Z. L., Zhang, J., & Sugden, B. (2012). The latent membrane protein 1 (LMP1) oncogene of Epstein-Barr virus can simultaneously induce and inhibit apoptosis in B cells. *Journal of virology*, 86(8), 4380–4393. <https://doi.org/10.1128/JVI.06966-11>
- Randall, Kevin. (2019). Re: Quantification method for IHC or TUNEL staining for primary tumor section?. Retrieved from: [https://www.researchgate.net/post/Quantification\\_method\\_for\\_IHC\\_or\\_TUNEL\\_staining\\_for\\_primary\\_tumor\\_section/5ca36d96979fdc60d50a8874/citation/download](https://www.researchgate.net/post/Quantification_method_for_IHC_or_TUNEL_staining_for_primary_tumor_section/5ca36d96979fdc60d50a8874/citation/download)
- Rosenwald, A., Wright, G., Chan, W. C., Connors, J. M., Campo, E., Fisher, R. I., Gascoyne, R. D., Muller-Hermelink, H. K., Smeland, E. B., Giltner, J. M., Hurt, E. M., Zhao, H., Averett, L., Yang, L., Wilson, W. H., Jaffe, E. S., Simon, R., Klausner, R. D., Powell, J., Duffey, P. L., ... Lymphoma/Leukemia Molecular Profiling Project (2002). The use of molecular profiling to predict survival after chemotherapy for diffuse large-B-cell lymphoma. *The New England journal of medicine*, 346(25), 1937–1947. <https://doi.org/10.1056/NEJMoa012914>
- Sapkota, S. and Shaikh, H., 2022. Non-Hodgkin Lymphoma. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK559328/>> [Accessed 20 April 2022].



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- Shannon-Lowe, C., Rickinson, A. and Bell, A., 2017. Epstein–Barr virus-associated lymphomas. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 372(1732), p.20160271.
- Shibusawa, M., Kidoguchi, K. and Tanimoto, T., 2021. Epstein-Barr Virus-Positive Diffuse Large B Cell Lymphoma. *Lymphoma*, pp.27-46.
- Tabyaoui, I., Serhier, Z., Sahraoui, S., Sayd, S., Cadi, R., Bennani, O., Benider, A., Zamiati, S. and Tahiri, J., 2013. Immunohistochemical expression of latent membrane protein 1 (LMP1) and p53 in nasopharyngeal carcinoma: Moroccan experience. *African Health Sciences*, 13(3).
- Thorley-Lawson, D., 2001. Epstein-Barr virus: exploiting the immune system. *Nature Reviews Immunology*, 1(1), pp.75-82.
- Vecchio, E., Fiume, G., Correnti, S., Romano, S., Iaccino, E., Mimmi, S., Maisano, D., Nisticò, N., & Quinto, I. (2020). Insights about MYC and Apoptosis in B-Lymphomagenesis: An Update from Murine Models. *International journal of molecular sciences*, 21(12), 4265. <https://doi.org/10.3390/ijms21124265>