

# Resource Summary Report

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## Cell line block and microarray preparation

DOI:10.17504/protocols.io.6pnhdme

Type: Protocol

### Proper Citation

Rona Ortenberg, Erez Nissim Baruch 2019. Cell line block and microarray preparation. protocols.io dx.doi.org/10.17504/protocols.io.6pnhdme

### Protocol Information

**URL:** <https://dx.doi.org/10.17504/protocols.io.6pnhdme>

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**Summary:** This protocol allows to prepare paraffin block of any cell line or co-cultured cells and subsequently these blocks could be used for cell microarray construction. Slides are suitable for ICH/IF staining procedures. Cell microarray can be used, exactly like a tissue microarray, as a high-throughput tool for omics validation or investigation of functional dynamics of targets during a prolonged cell-cell interaction or any other treatments.

**Associated Publications:** Baruch EN, Ortenberg R, Avivi C, Anafi L, Dick-Necula D, Stossel C, Moshkovits Y, Itzhaki O, Besser MJ, Schachter J, Barshack I, Markel G, Immune co-culture cell microarray – a feasible tool for high-throughput functional investigation of lymphocyte–cancer interactions. Oncoimmunology 9(1). doi: [10.1080/2162402X.2020.1741267](https://doi.org/10.1080/2162402X.2020.1741267)

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