



PRODUCT DATA SHEET

CTL Human B-Poly-S[™]

Catalog No.: CTL-HBPOLYS-80, CTL-HBPOLYS-200

Product: CTL Human B-Poly-S[™]

Description: Polyclonal B cell stimulation

Packaging Size: 80µl, 200µl per vial diluted in PBS, 0.1% (w/v) BSA

Concentration: 1000x

Lot: _____

Formulation: CTL Human B-Poly-S[™] is a stock solution containing Resiquimod and recombinant Human IL-2; which is used for the polyclonal stimulation of resting B cells.

Storage: Store refrigerated at 2 - 8°C for up to 7 days. For long-term storage, freeze at -20°C or below.

Recommended Usage: Prestimulation of cells for 4-6 days is recommended for most in vitro ASC applications. Following aseptic technique, add 10µl CTL B-Poly-S[™] per 10ml of assay medium. An initial cell density of 1-4 x 10⁶/ml is appropriate for unfractionated PBMC or splenocytes. If culturing purified B cells, an initial cell density of 2-5 x 10⁴/ml is advised.

QC: Each batch is tested for optimum performance in B cell ImmunoSpot assays.

Reference: Pinna, D., Corti, D., Jarrossay, D., Sallusto, F. and Lanzavecchia, A. (2009) Clonal dissection of the human memory B-cell repertoire following infection and vaccination. Eur. J. Immunol., 39: 1260–1270.

For laboratory research use only. Not for use in diagnostic or therapeutic procedures.