



PRODUCT DATA SHEET

CTL Mouse B-Poly-S[™]

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

Product: CTL Mouse 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 Mouse B-Poly-S[™] is a stock solution containing Resiquimod and recombinant Mouse 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 3-5 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 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: Genestier L, Taillardet M, Mondiere P, Gheit H, Bella C and Defrance T. (2007) TLR agonists selectively promote terminal plasma cell differentiation of B cell subsets specialized in thymus-independent responses. *J Immunol*, 178 (12) 7779-7786

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