

PepPool: CyCMV+RhCMV (TP-UL83+Rh112), scanning

Product code: 3692-1

Contents: The scanning pool consists of 133 peptides derived from cynomolgus macaque cytomegalovirus (CyCMV) Tegument phosphoprotein UL83 (Uniprot ID: G8H1B8) and 133 peptides derived from rhesus macaque cytomegalovirus (rhCMV) Rh112 (Uniprot ID: Q772N2). The peptides are 15-mers overlapping with 11 amino acids and cover the complete proteins. The mean purity of the peptides is 83%.

Applications: The CyCMV TP-UL83 and rhCMV Rh112 peptide pool stimulates T cells to produce e.g., IFN- γ and can be used in ELISpot and FluoroSpot assays for enumeration of peptide specific T cells. The peptide pool has been validated in IFN- γ ELISpot and FluoroSpot using PBMC from cynomolgus macaque and rhesus macaque.

Instructions: Sterile handling is recommended. Dissolve the peptides by adding 40 μ l DMSO to the vial with pool 1 and transfer to the vial with pool 2, then add 85 μ l PBS to the last vial. The contents of the two vials should always be mixed. This stock solution will have a concentration of 200 μ g/ml of each peptide. Aliquot and store at -20°C or below. We recommend the aliquots not be refrozen after initial use.

Dilute the stock solution in cell culture medium to obtain a final concentration of 2 μ g/ml of each peptide in the cell culture. Use the peptide pool in ELISpot and FluoroSpot assays for stimulation of 250,000 cells per well. Use the diluted peptide solution fresh.

Storage: Shipped at ambient temperature. Store frozen at -20°C or below upon receipt. After reconstitution, store aliquotes at -20°C or below. We recommend the aliquots not be refrozen after initial use.

Quantity: Pool 1: 133 peptides, 25 ug of each peptide
Pool 2: 133 peptides, 25 ug of each peptide

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