

Helper References

(Medline: 92013142) Notes: 20% of T-cell clones from individuals inoculated with a recombinant nonglycosylated form of gp120 failed to respond to glycosylated protein. The epitope for one such clone was mapped and contained two glycosylated asparagines. Thus N-linked carbohydrates can abrogate antigen recognition by T lymphocytes.

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these peptides were able to stimulate a potent antibody response. That a functional T-helper cell epitope is present within the peptide is inferred by the ability of B-cells to respond to these constructs. Using this system, adjuvant could be bypassed.

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Induction of T-cell help in rhesus monkeys by Macaca mulatta by priming with peptides T2 or TH4.1 enhances antibody response to a subsequent sub-optimal gp160 immunization. T1 alone failed to elicit a response in these experiments. Env epitopes: T1, T2, TH4.1.

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- or proteins to liposomes and stimulation with rIL-2 may enhance cell-mediated responses to peptides. gp120 epitopes: QIVKKLREQFGNKK, FRPGGDMRDNRWSEL.
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