



Activation of $T_c \rightarrow MHC I$ (CD8)
Activation of $T_H (CD4) \rightarrow MHC II$ } **Just like Antibody molecules!**

Because our body encounters with a no. of diff. kinds/ variation of **Immunogens** or **Antigens** therefore a large deal of **great**

Variation in reqd. in MHC Clones

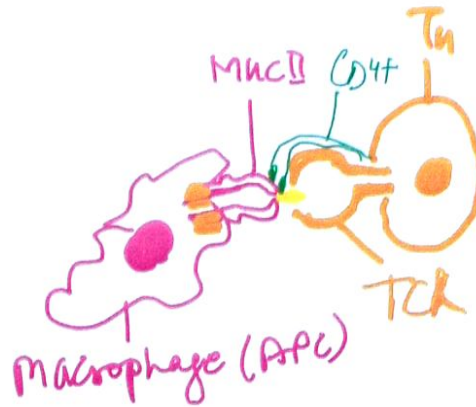
[Antibodies - Interact with Ag / Immunogens]
 MHC molecules " " " " " "]

Antigen presenting cells (APCs)

Professional APCs → **B-cells**, **Dendritic Macrophages** } **CD4**
MHC II

Non-professional → **MHC I** → **$T_c (CD8)$**

Genes rearrangements! → **Variation is brought about in MHC molecules!**
Non-homologous recombination!



MHC Class I & II molecules!

Structure!!

