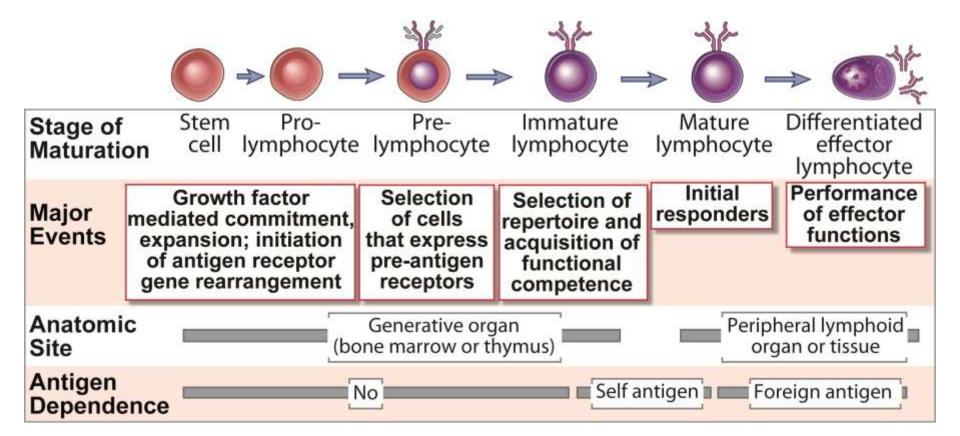
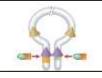


Stages of Lymphocyte Maturation





Distinct Lineages of Lymphocyte Maturation

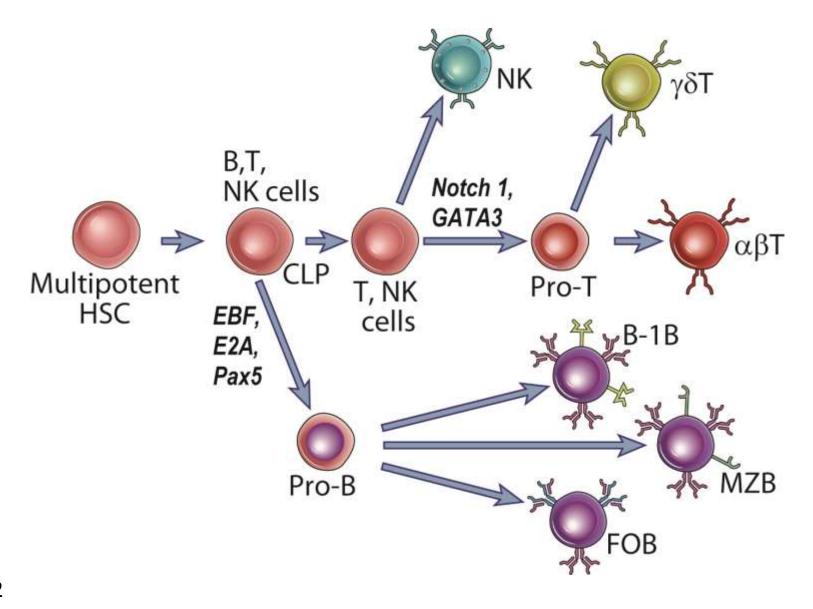
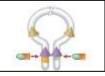
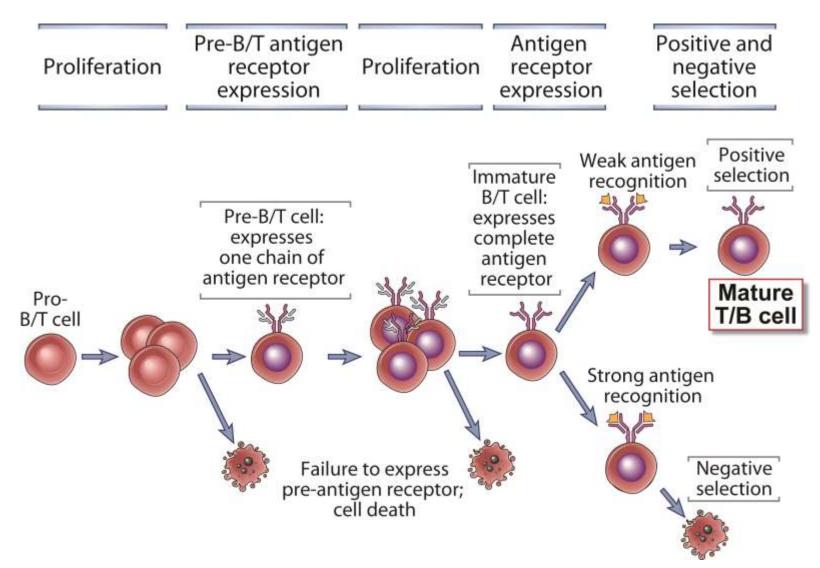


Fig. 8-2



Checkpoints in Lymphocyte Maturation





Pos. and Neg. Selection of Lymphocytes

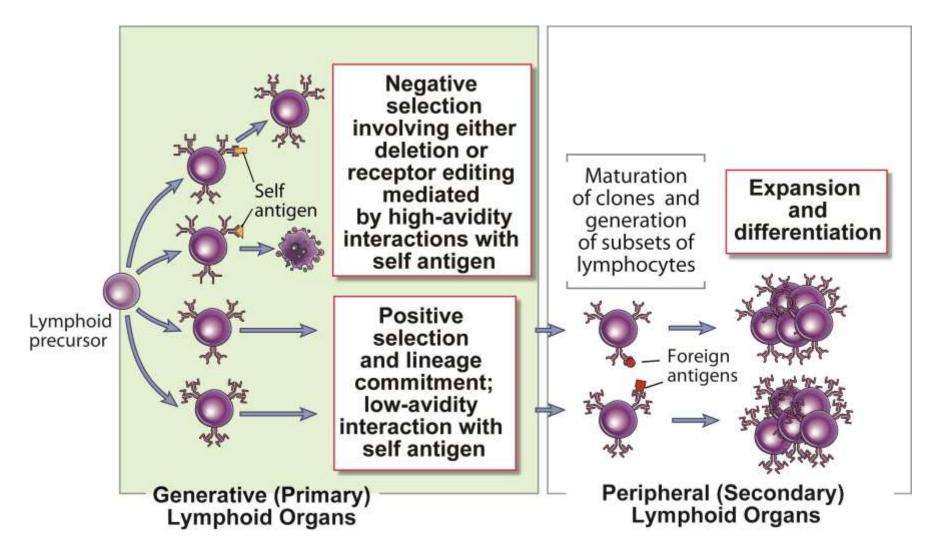


Fig. 8-4



Germline Organization of Human Ig Loci

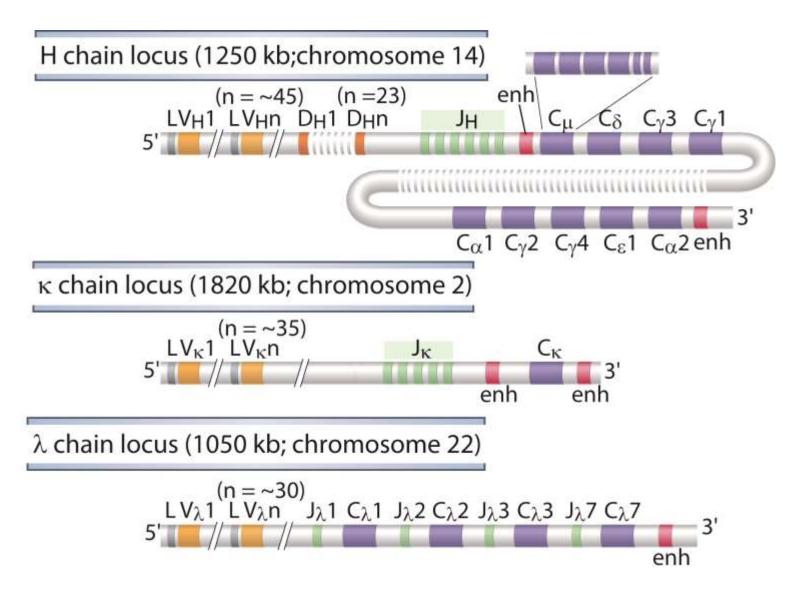


Fig. 8-5



Domains of Ig and TCR proteins

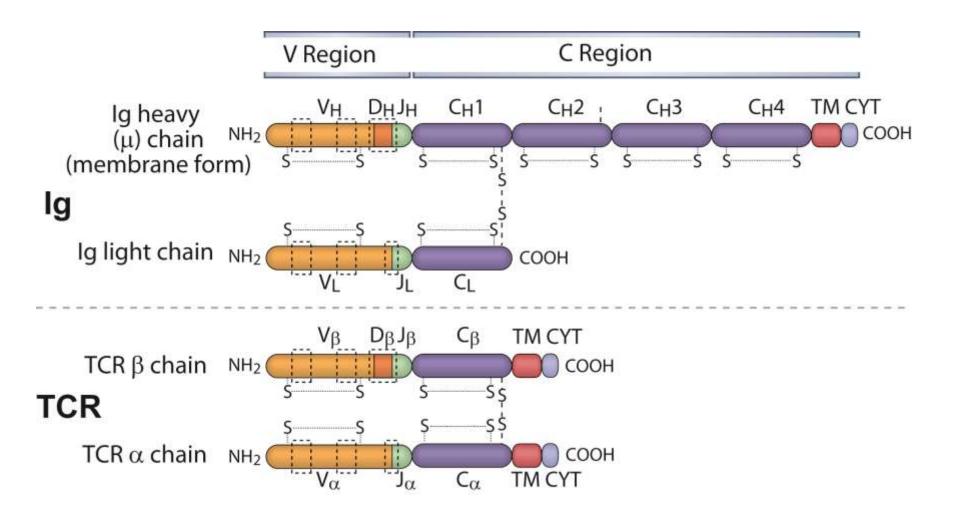
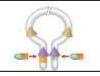
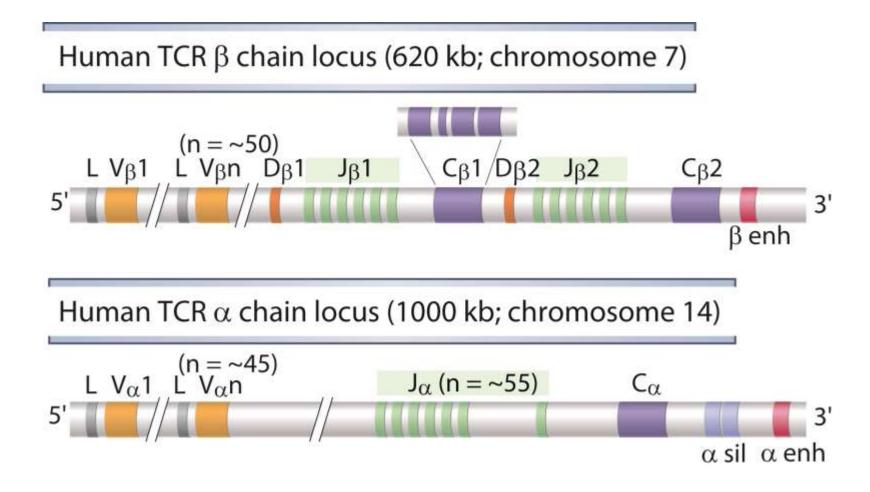


Fig. 8-6



Germline Organization of Human TCR Loci (1)





Germline Organization of Human TCR Loci (2)

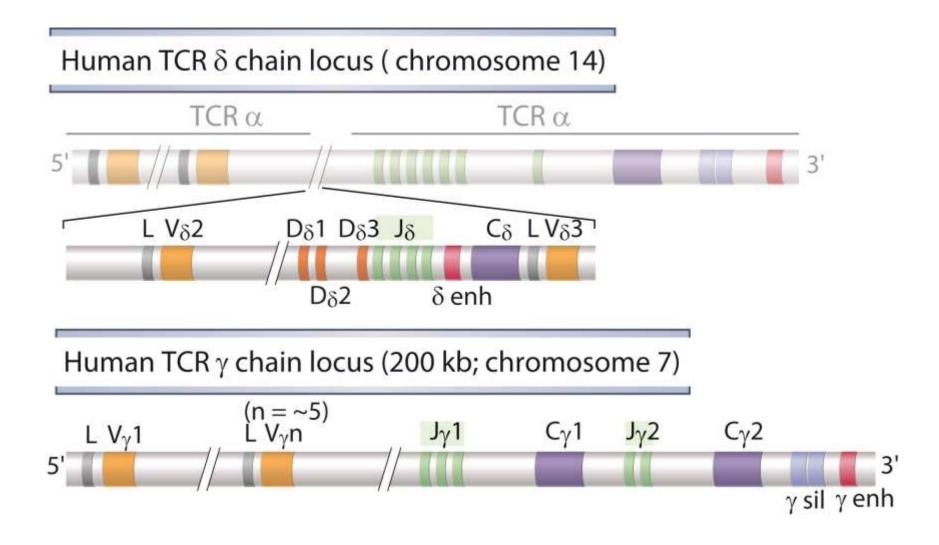
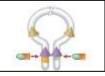
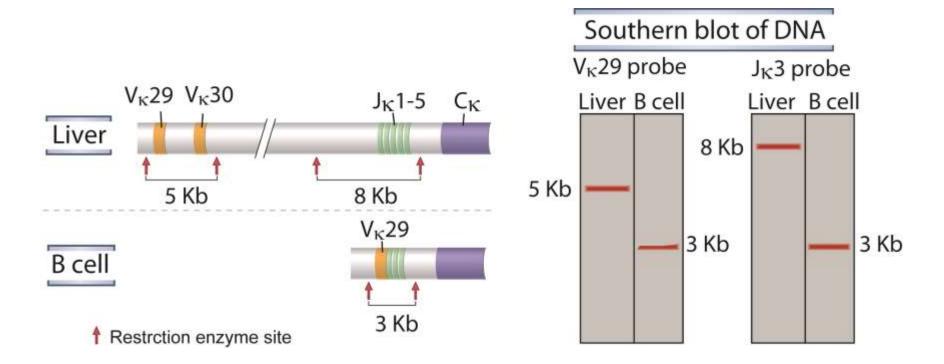


Fig. 8-7



Antigen receptor Gene Rearrangements





Diversity of Antigen Receptor Genes

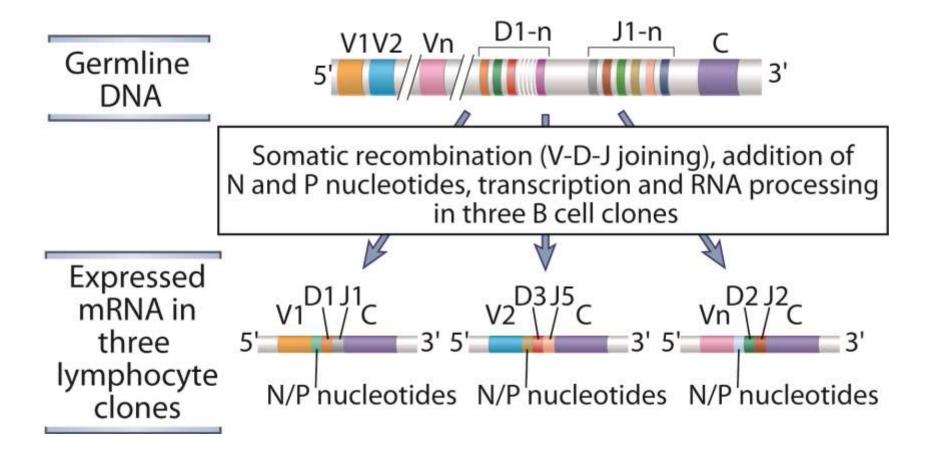
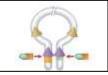


Fig. 8-9



V(D)J Recombination (1)

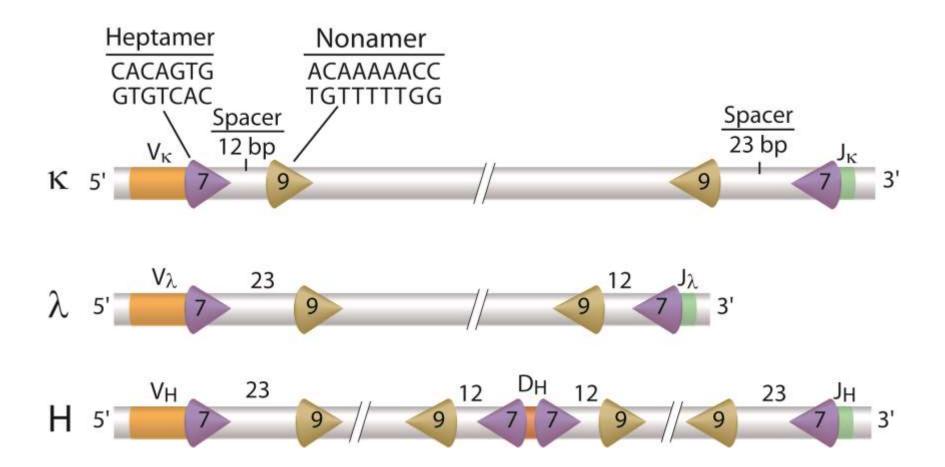
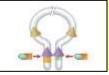


Fig. 8-10A



V(D)J Recombination (2)

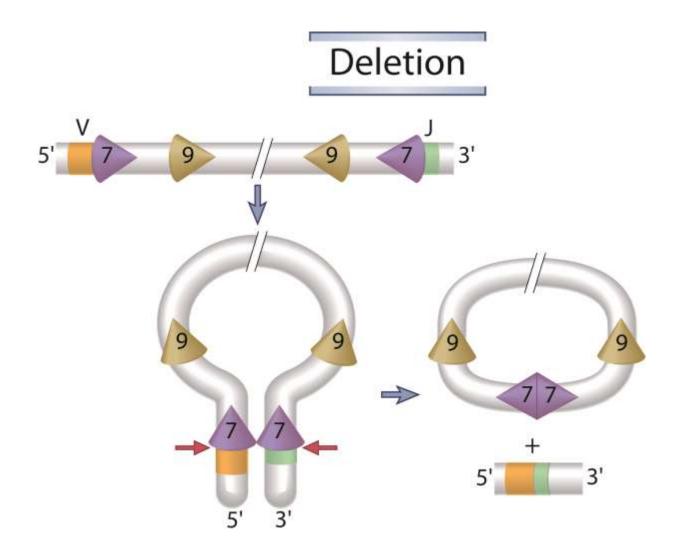


Fig. 8-10B



V(D)J Recombination (3)

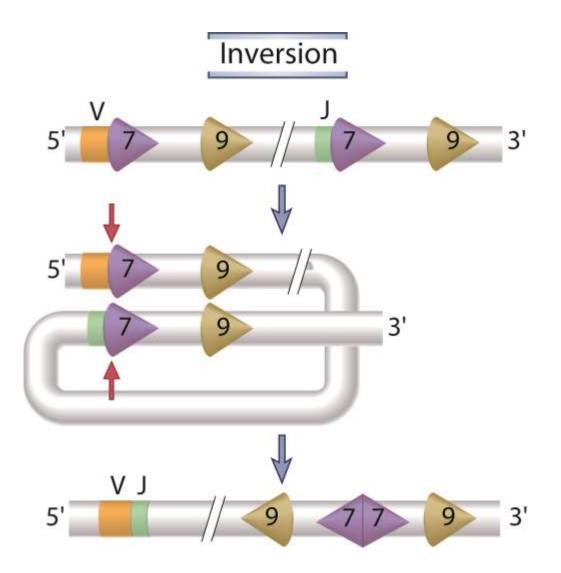


Fig. 8-10C



Transcriptional Regulation of Ig Genes

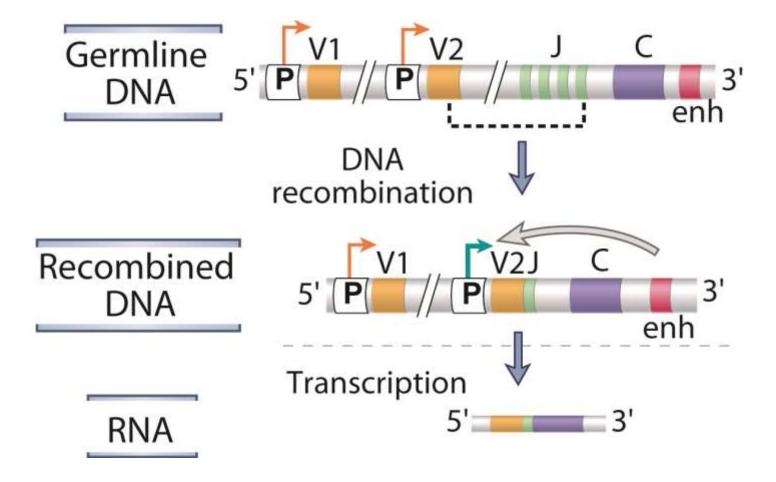
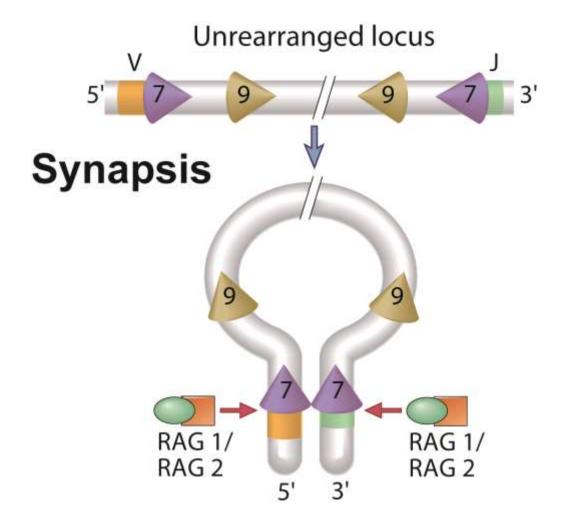
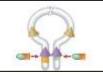


Fig. 8-11



Events During V(D)J Recombination (1)





Events During V(D)J Recombination (2)

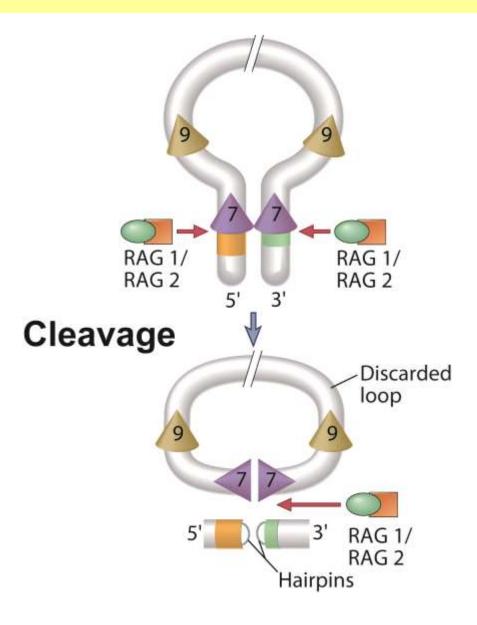
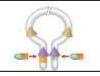
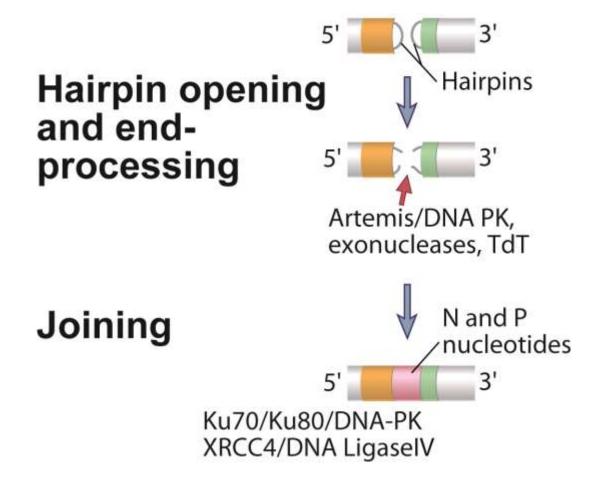


Fig. 8-12



Events During V(D)J Recombination (3)





Junctional Diversity

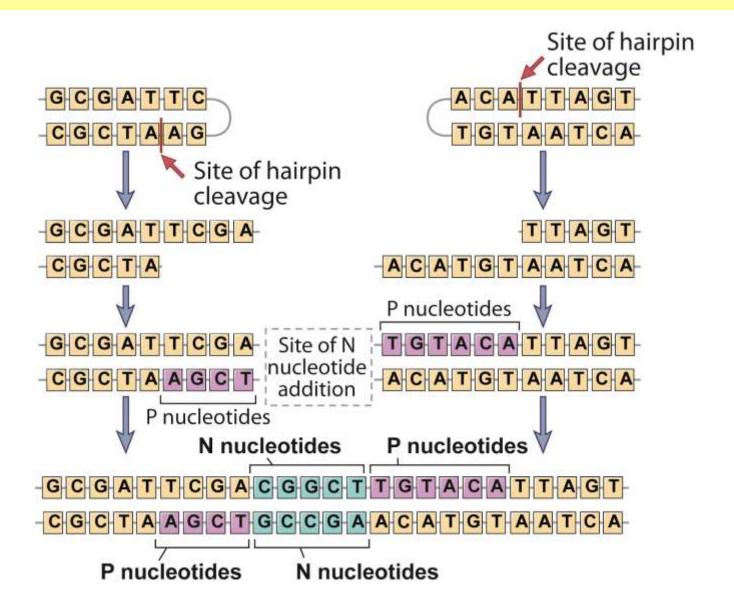
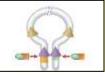


Fig. 8-13



Stages of B Cell Maturation

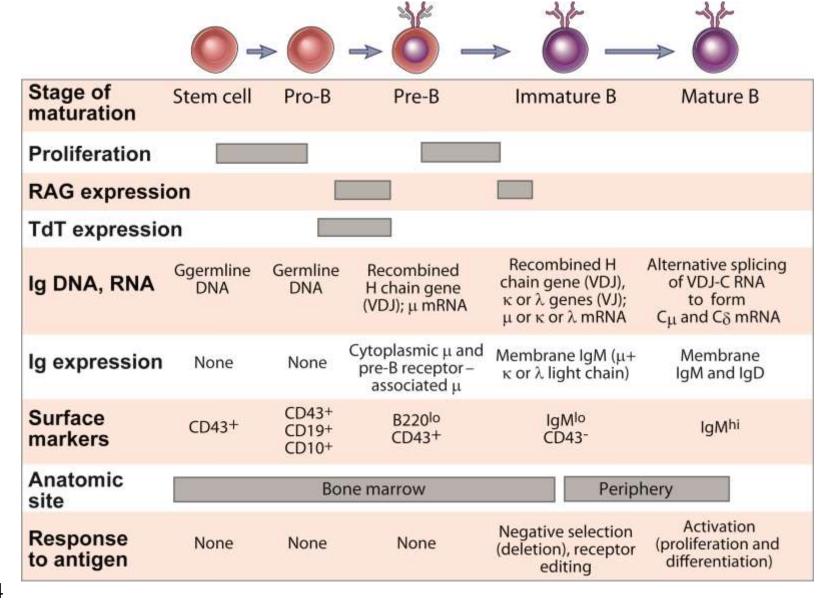


Fig. 8-14



Ig Gene Recombination

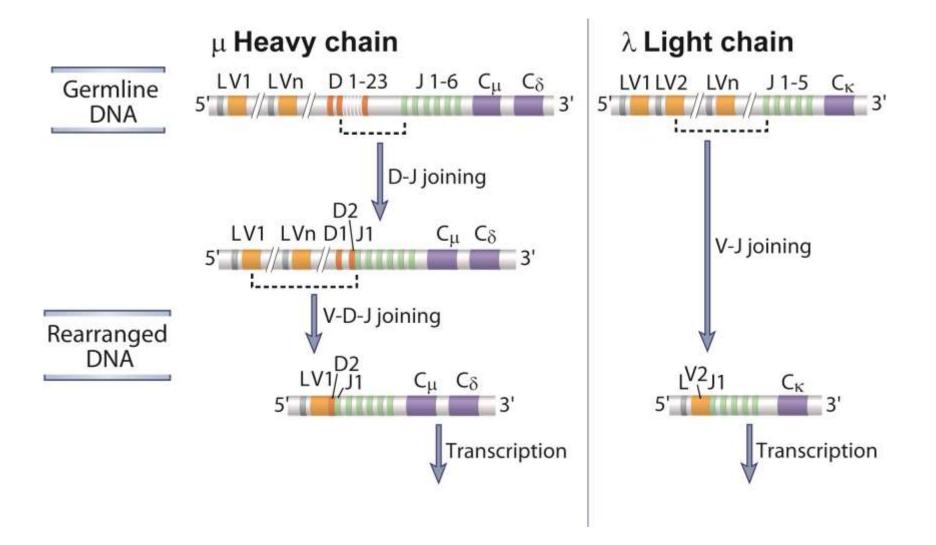


Fig. 8-15A



Ig Gene Expression

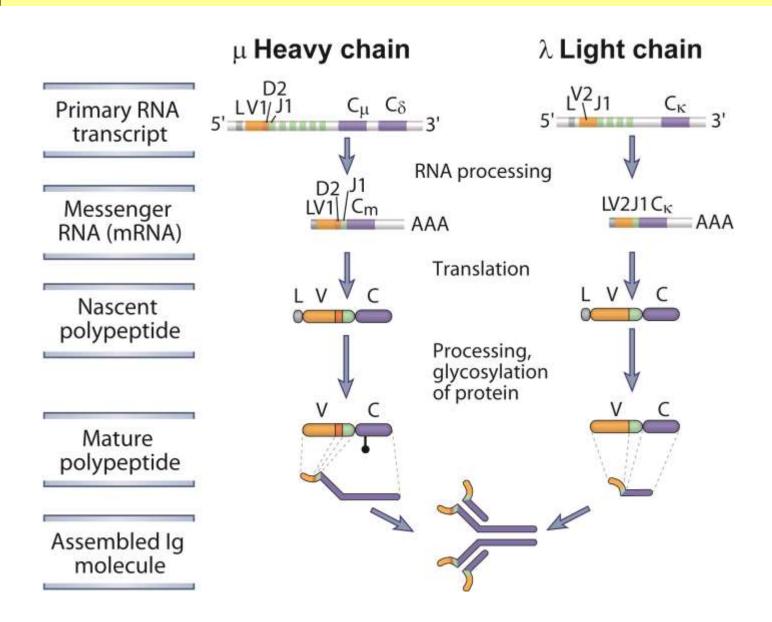


Fig. 8-15B



Pre-B cell and Pre-T cell Receptors

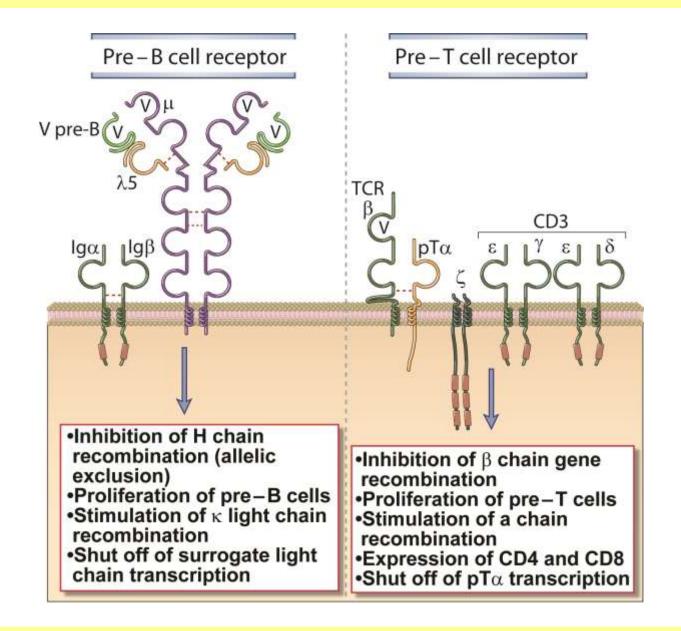


Fig. 8-16



B Lymphocyte Subsets

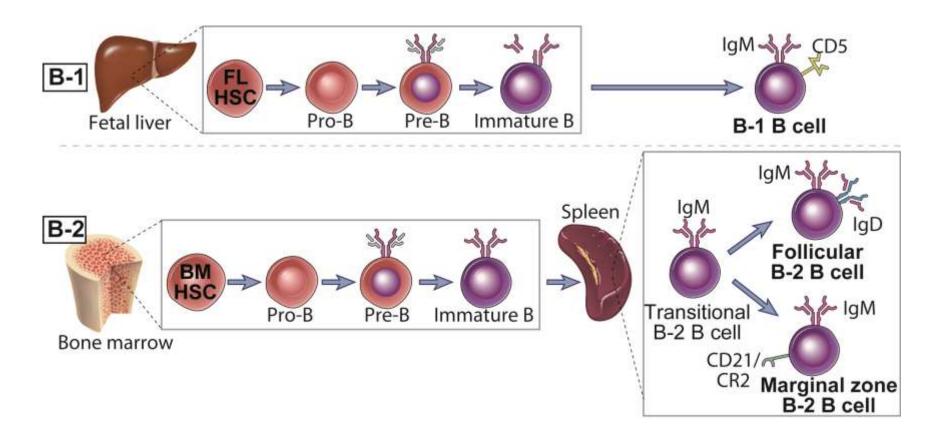


Fig. 8-17



Coexpression of IgM and IgD.

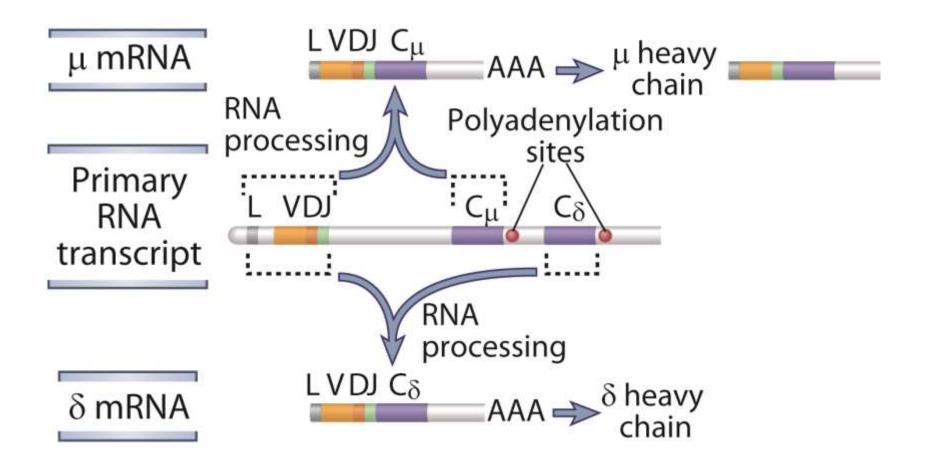


Fig. 8-18



Stages of T Cell Maturation

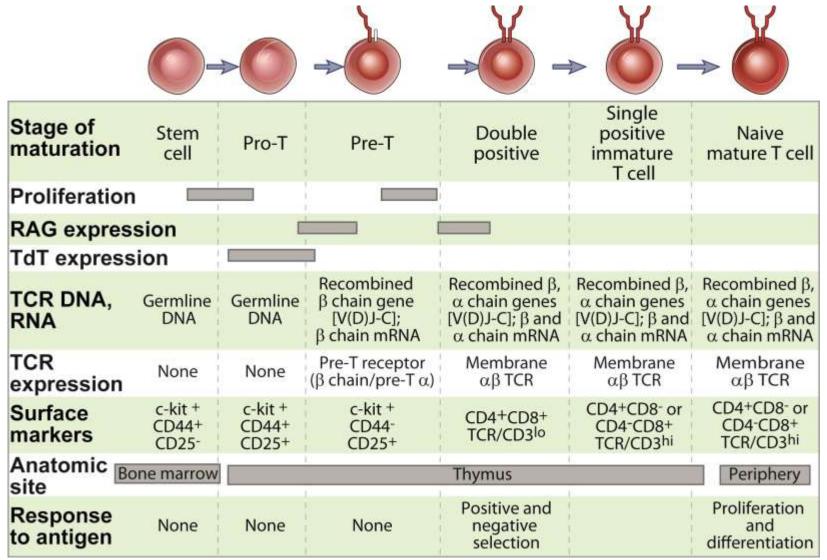
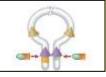


Fig. 8-19



Maturation of T cells in the Thymus

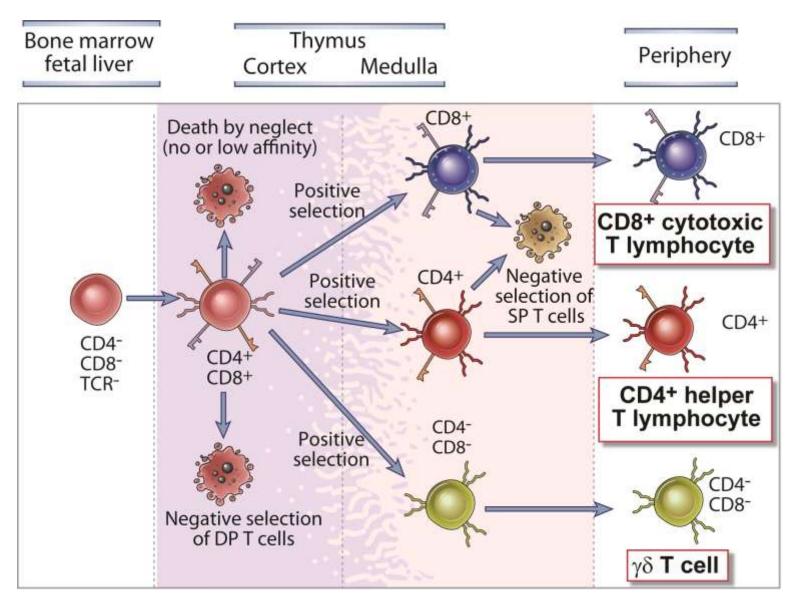
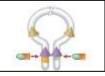


Fig. 8-20



TCR α and β Chain Gene Recombination

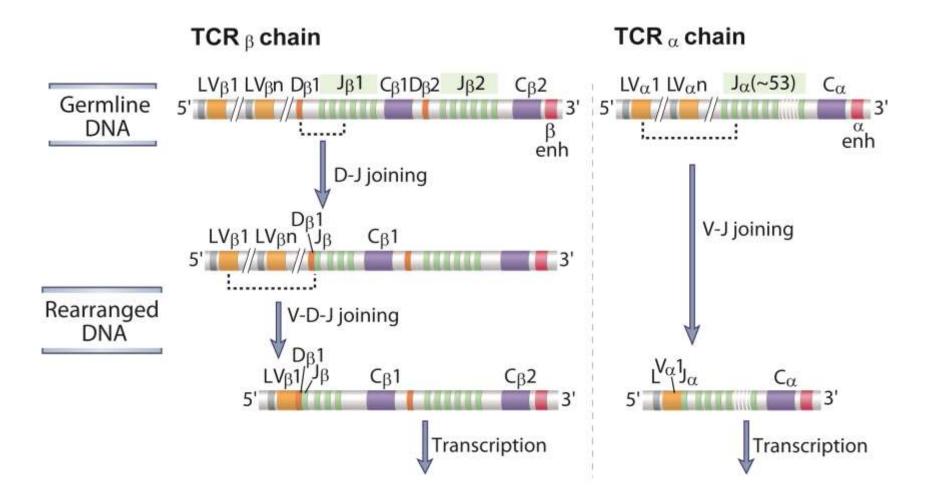
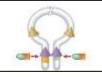


Fig. 8-21A



TCR α and β Chain Gene Expression

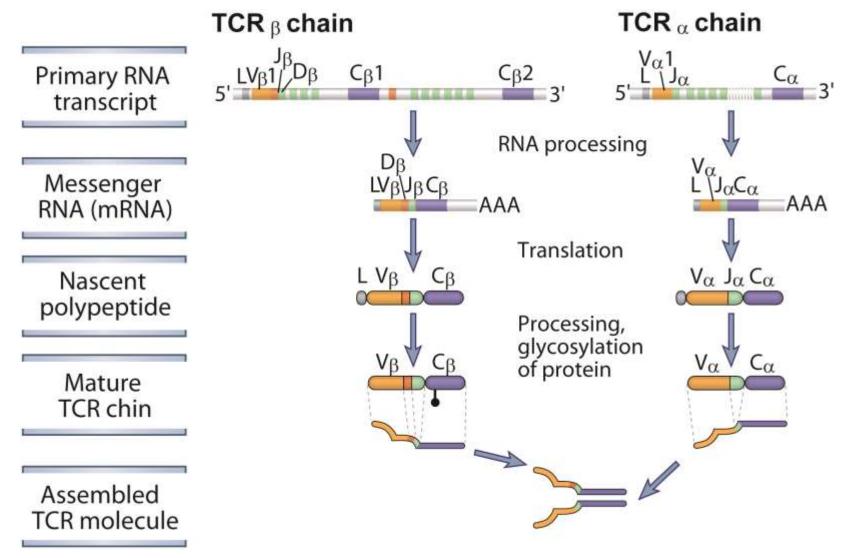


Fig. 8-21B



T Cell CD4 and CD8 Expression in the Thymus

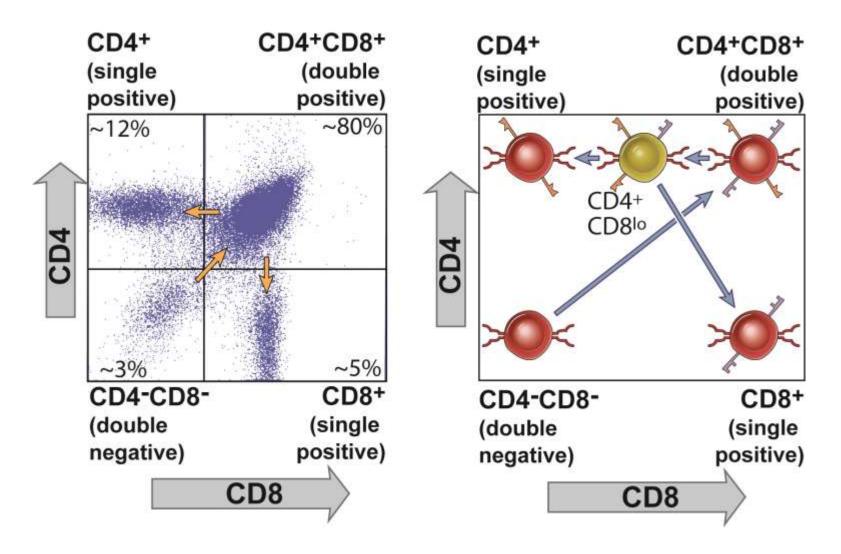


Fig. 8-22