



The newly discovered IgM structure has remained the same in some ways, but has had some significant changes as well. In regards to its overall shape, the monomer remains the same as it still has its basic "Y" shape. Moreover, five of these "Y" shaped units are still found to form pentamers. Another portion of the monomer that has not underwent any significant changes is its Fab, or antigen binding, region. As we move down the monomer, we see some significant changes. There is an appearance of the Igα and Igβ regions, as well as 14 glycosylation sites. At the

very bottom of the IgM, the 4 helices of the monomer span across the membrane.