

**Recognition of Tumor Cells: Tumor Antigens:** Tumor cells often express abnormal proteins or altered levels of normal proteins that can serve as antigens. These tumor-associated antigens (TAAs) are recognized by the immune system as foreign. **Major Histocompatibility Complex (MHC):** Tumor antigens are presented on the surface of tumor cells by MHC molecules. This presentation is crucial for the activation of immune cells, particularly T cells.