

resistant to a particular infection or toxin owing to the presence of specific antibodies or sensitized white blood cells.

The [immune](#) landscape within the [Tumor Microenvironment](#) is the result of a complex interplay between many [immune](#) components, including the presence of chemoattractant factors, [immunogenicity](#) associated with the mutational burden of the tumor, alteration of antigen presentation mechanisms, or the action of immunosuppressive mechanisms (anti-inflammatory factors and immune checkpoints). Other extrinsic factors, such as vascularization and tumor location, can be critical aspects that influence the immune status of the tumor as well. In this context, it is clear that there is a causal relationship between the immune response and cancer development, and, therefore, analysis of the immune context holds enormous clinical potential.

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