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# Duffy Null Polymorphism

National Cancer Institute

## Source

National Cancer Institute. *Duffy Null Polymorphism*. NCI Thesaurus. Code C153231.

A finding indicating that expression of atypical chemokine receptor 1 protein (ACKR1; DARC; Duffy antigen/chemokine receptor) is not detected on a subject's red blood cells. The Duffy null state is associated with leukopenia and neutropenia, decreased rate of HIV disease progression and with resistance to infection by the malarial parasite *Plasmodium vivax*. (Blood. 2009; 114:2783-2792.)