

IMMUNOLOGY OF TRANSPLANT REJECTION

ABO blood group

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ABO blood group antigens are glycoproteins with different carbohydrate components. ABO antigens are expressed not only on the surface of red blood cells but also on endothelial cells. In all organ transplants there must therefore be ABO blood group compatibility between the recipient and the donor organ, using the same rules for blood transfusion (Table 88.3

TABLE 88.3 Blood group compatibility. Donor blood group Permissible recipients O (universal donor) O, A, B and AB A A and AB B B and AB AB (universal recipient) AB

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