[ABSTRACT]

The present invention provides a highly functional hypoimmunogenic cell, namely, a hypoimmunogenic human cell

(1) lacking an endogenous gene encoding an α chain of human leukocyte antigen (HLA) class Ia,

(2) lacking an endogenous gene encoding HLA class II or an expression regulator thereof,

(3) containing an exogenous gene encoding an α chain of HLA class Ib,

(4) containing an exogenous gene encoding human PD-L1, and

(5) containing an exogenous gene encoding human PD-L2.

[No suitable figure]