Abstract

Title of Invention: UNDIFFERENTIATED CELL DETECTION METHOD AND COMPLEX CARBOHYDRATE DETECTION METHOD

An object of the present invention is to provide a method for evaluating a differentiation status of cells using a culture supernatant of stem cells. Provided is "undifferentiation sugar chain marker" composed of the sugar chain structure "Fucα1-2Galβ1-3GlcNAc" or "Fucα1-2Galβ1-3GalNAc" and capable of sensitively determining the undifferentiated state of stem cells using a culture supernatant of stem cells. Also found is BC2LCN lectin or a modified product thereof capable of sensitively recognizing the "undifferentiation sugar chain marker" as excellent "probe for detecting the undifferentiation sugar chain marker" capable of determining the undifferentiation status of cells using a culture supernatant.

(No Suitable Figure)