

Title (en)

ANTI-GOLPH2 ANTIBODIES FOR MACROPHAGE AND DENDRITIC CELL DIFFERENTIATION

Title (de)

ANTI-GOLPH2-ANTIKÖRPER ZUR MAKROPHAGEN- UND DENDRITISCHEN ZELLDIFFERENZIERUNG

Title (fr)

ANTICORPS ANTI-GOLPH2 POUR LA DIFFÉRENCIATION DES MACROPHAGES ET DES CELLULES DENDRITIQUES

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Application

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Abstract (en)

[origin: WO2022043517A2] The present invention relates to target-binding molecules, preferably antibodies or target-binding fragments thereof, that specifically bind to the extracellular part GOLPH2, or to an antigenic portion thereof, wherein the binding of the target-binding molecule to the extracellular part of GOLPH2, when expressed on a monocyte or monocyte-derived cell, induces the maturation of said monocyte or monocyte-derived cell. The invention further relates to immunoconjugates comprising the target-binding molecules, in particular the anti-GOLPH2 antibodies, or target-binding fragments thereof. The target-binding molecules and immunoconjugates of the invention may be administered alone, as a therapeutic conjugate or in combination with other therapeutic agents, such as chemotherapeutic agents, antigens, vaccines or checkpoint inhibitors. The present invention also relates to nucleotide sequences encoding the target-binding molecule of the invention, as well as vectors and host cells containing the nucleotide sequences. The target-binding molecules, antibodies and compositions of the invention are useful in initiating and/or enhancing an immune response in a subject. Further, the target-binding molecule may be used in methods for generating antigen-presenting cells and activated T cell.

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