

ABSTRACT

ANTIBODIES DIRECTED AGAINST LYMPHOCYTE ACTIVATION GENE 3 (LAG-3)

The invention relates to an isolated immunoglobulin heavy chain polypeptide and an isolated immunoglobulin light chain polypeptide that bind to a protein encoded by the Lymphocyte Activation Gene-3 (LAG-3). The invention provides a LAG-3-binding agent that comprises the aforementioned immunoglobulin heavy chain polypeptide and immunoglobulin light chain polypeptide. The invention also provides related vectors, compositions, and methods of using the LAG-3-binding agent to treat a disorder or disease that is responsive to LAG-3 inhibition, such as cancer or an infectious disease.

(Figure 1A)