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(54) **Title:** HUMAN MONOCLONAL ANTIBODIES TO BTLA AND METHODS OF USE

(57) **Abstract:** The present disclosure provides isolated monoclonal antibodies, particularly human monoclonal antibodies that specifically bind to BTLA with high affinity. Nucleic acid molecules encoding the antibodies of the disclosure, expression vectors, host cells and methods for expressing the antibodies of the disclosure are also provided. Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the disclosure are also provided. The disclosure also provides methods for detecting BTLA, as well as methods for treating various diseases, including cancer and infectious diseases, using anti-BTLA antibodies.

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B FIELDS SEARCHED

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 U S 530/387 1,424/1 30 1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 SCORE, WEST Dialog

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X --- Y	US 7,304, 149 (MURPHY et al), filed 20 June 2003	1-7, 61-86 ----- 19-34
X	US Pat Pub No 2005/0074821 (WILD et al), filed 15 Jul 2004	8,1 1,12,35- 40,43,50,53,54,61-74 and 87

Further documents are listed in the continuation of Box C See patent family annex

<ul style="list-style-type: none"> * Special categories of cited documents A document defining the general state of the art which is not considered to be of particular relevance E earlier application or patent published on or after the international filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure use exhibition or other means P document published prior to the international filing date but later than the priority date claimed 	<ul style="list-style-type: none"> T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention X document of particular relevance the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone Y document of particular relevance the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art & document member of the same patent family
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