(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.5295/DELNP/2011 A

(43) Publication Date: 31/08/2012

(54) Title of the invention : ANTI-Siglec-15 ANTIBODY \square

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07K :2009-094613 :09/04/2009 :Japan :PCT/JP2010/05629 :07/04/2010 : NA :NA
Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA ·NA

(71)Name of Applicant:

1)DAIICHI SANKYO COMPANY LIMITED

Address of Applicant :3-5-1 Nihonbashi Honcho Chuo-ku

Tokyo 103-8426 Japan Japan

94 (72)Name of Inventor:

1)HIRUMA Yoshiharu

2)TSUDA Eisuke

3)TAKIZAWA Takeshi

4)NAKAYAMA Makiko

(57) Abstract:

Disclosed is a pharmaceutical composition for treating and/or preventing abnormalities of bone metabolism, which targets a protein encoded by a gene that can be strongly expressed in osteoclasts. Specifically disclosed are: a pharmaceutical composition containing an antibody that can recognize human Siglec-15 specifically and has an activity of inhibiting the formation of osteoclasts; and others.

No. of Pages: 324 No. of Claims: 70