To whom it may concern,

This letter attests that Anti-CXCR4 Antibody, catalog # PA1237, is manufactured by Boster Biological Technology., Ltd, through test and assay, we got the following data:

1. Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human CXCR4(18-33aa SGENCYSMKPCREN), different from the related rat and mouse sequences by two amino acids.

2. Application Data

**Applications Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1μg/ml, Human, By Heat
Western blot, 0.1-0.5μg/ml, Human, Rat, Mouse

3. Cross Reaction

No cross reactivity with other proteins

4. Image
Anti-CXCR4 antibody, PA1237, Western blotting
WB: HELE Cell Lysate

Anti-CXCR4 antibody, PA1237, IHC(P)
IHC(P): Human Mammary Cancer Tissue

Approved by:

Ms. Yangjing Yue Chief technician
Quality Control System of ELISA

Date: May 13, 2016