

BOSTER BIOLOGICAL TECHNOLOGY, LTD.

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www.bosterbio.com

Certificate of Analysis

Note: this is a sample COA. To get the COA for your lot #, please contact us at support@bosterbio.com

To whom it may concern,

This letter attests that Anti-CD45/PTPRC Antibody , catalog # PA1596, 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 C-terminus of human CD45(1209-1227aa MVSTFEQYQFLYDVIASTY).

2. Application Data

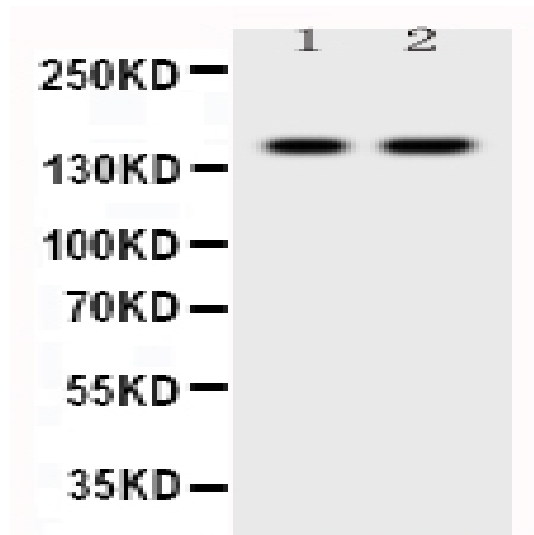
Applications Details

Western blot, 0.1-0.5µg/ml, Human
Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, Human, By Heat
Immunocytochemistry , 0.5-1µg/ml, Human, -
Immunofluorescence, 2µg/ml, Human, -

3. Cross Reaction

No cross reactivity with other proteins

4. Image



Anti-CD45 antibody, PA1596, Western blotting

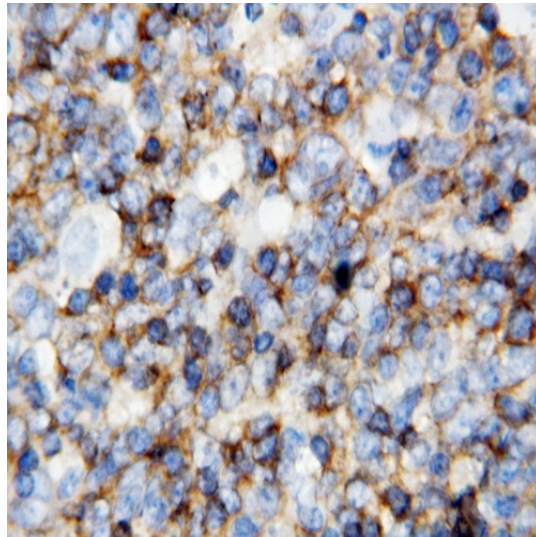
All lanes: Anti CD45 (PA1596) at 0.5ug/ml

Lane 1: JURKAT Whole Cell Lysate at 40ug

Lane 2: CEM Whole Cell Lysate at 40ug

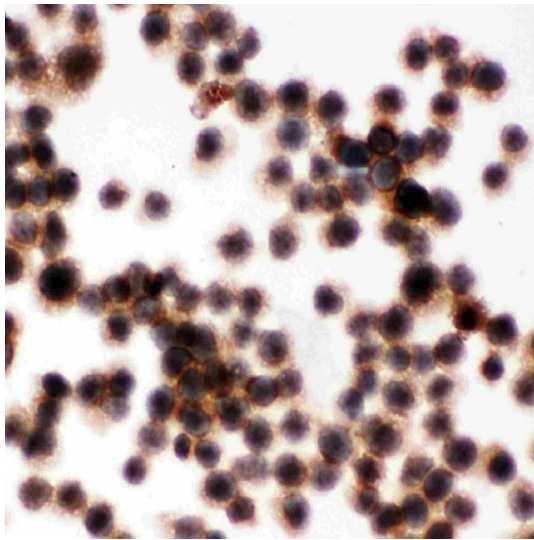
Predicted bind size: 147KD

Observed bind size: 147KD



Anti-CD45 antibody, PA1596, IHC(P)

IHC(P): Human Tonsil Tissue



Anti-CD45 antibody, PA1596, ICC
ICC: JURKAT Cell

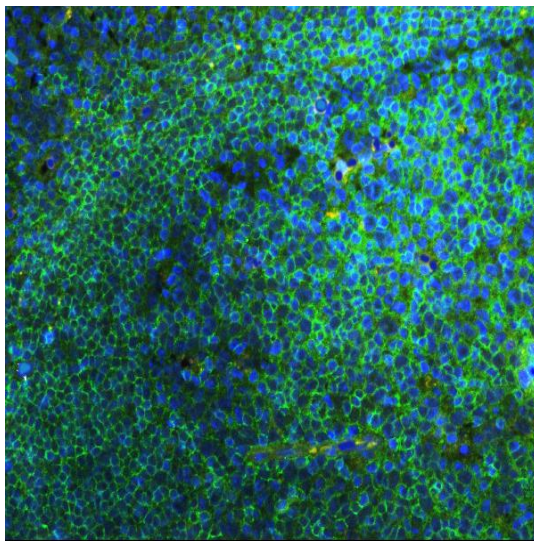


Figure 4. IF analysis of CD45 using anti- CD45 antibody (PA1596)
CD45 was detected in paraffin-embedded section of human tonsil tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/mL rabbit anti- CD45 Antibody (PA1596) overnight at 4 $^{\circ}$ C. DyLight \AA 488 Conjugated Goat Anti-Rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 $^{\circ}$ C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

Approved by:

Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016