To whom it may concern,

This letter attests that Anti-Paxillin Rabbit Monoclonal Antibody, catalog # M01033, is manufactured by Boster Biological Technology, Ltd, through test and assay, we got the following data:

1. **Immunogen**

A synthesized peptide derived from human Paxillin

2. **Application Data**

   **Applications Details**

   - WB 1:500-1:1000
   - IHC 1:50-1:100
   - ICC/IF 1:50-1:100
   - IP 1:50

3. **Cross Reaction**

4. **Image**
Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Paxillin Antibody (M01033)

PXN was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH 6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-PXN Antibody (M01033) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB as the chromogen.

Western blot analysis of Paxillin expression in HeLa cell lysate (M01033).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.
After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PXN monoclonal antibody (Catalog # M01033) overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for PXN

Approved by:
Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016