

# **BOSTER BIOLOGICAL TECHNOLOGY, LTD.**

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[www.bosterbio.com](http://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-Grp75/HSPA9 Antibody , catalog # PA1789, 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 Grp75(591-609aa DTETKMEEFKDQLPADECN), identical to the related rat and mouse sequences.

### **2. Application Data**

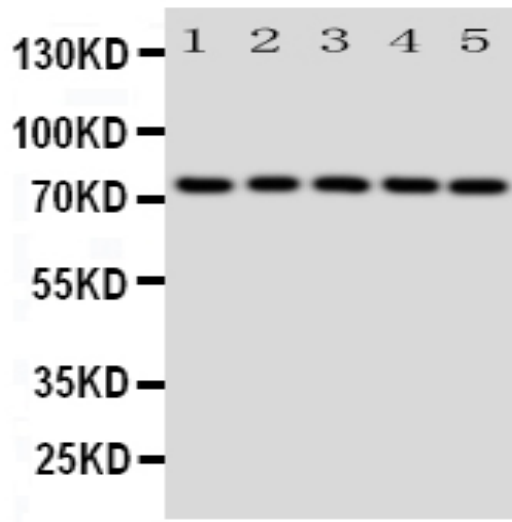
## **Applications Details**

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

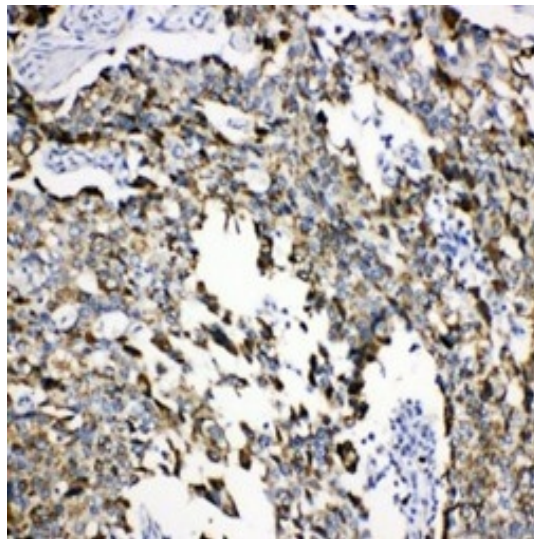
### **3. Cross Reaction**

No cross reactivity with other proteins

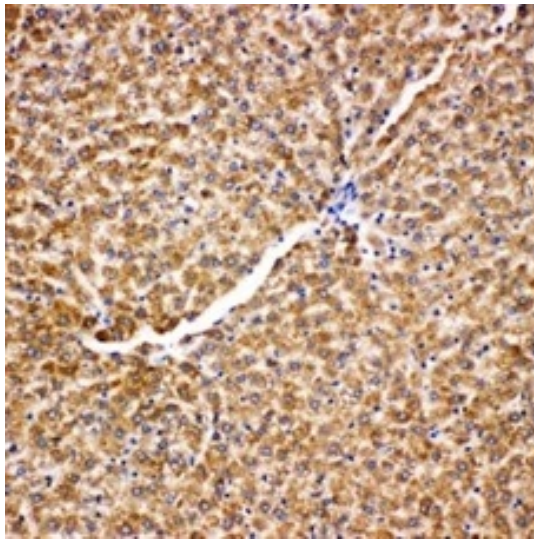
### **4. Image**



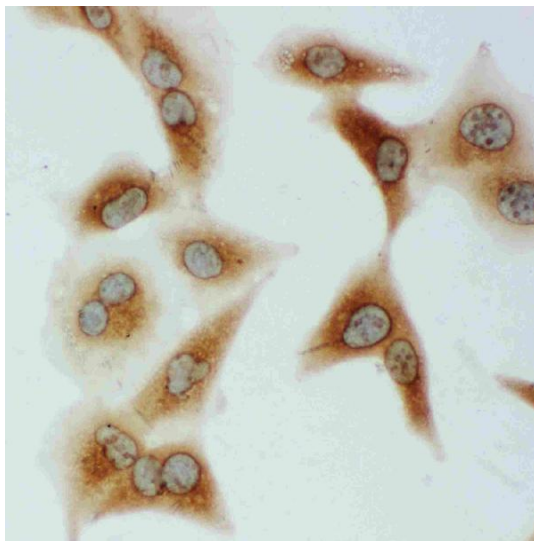
Anti-Grp75 antibody, PA1789, Western blotting  
All lanes: Anti Grp75 (PA1789) at 0.5ug/ml  
Lane 1: Rat Liver Tissue Lysate at 50ug  
Lane 2: A549 Whole Cell Lysate at 40ug  
Lane 3: 293T Whole Cell Lysate at 40ug  
Lane 4: M431 Whole Cell Lysate at 40ug  
Lane 5: COLO320 Whole Cell Lysate at 40ug  
Predicted bind size: 74KD  
Observed bind size: 74KD



Anti-Grp75 antibody, PA1789, IHC(P)  
IHC(P): Human Lung Cancer Tissue



Anti-Grp75 antibody, PA1789, IHC(P)  
IHC(P): Rat Liver Tissue



Anti-Grp75 antibody, PA1789, ICC  
ICC: A549 Cell

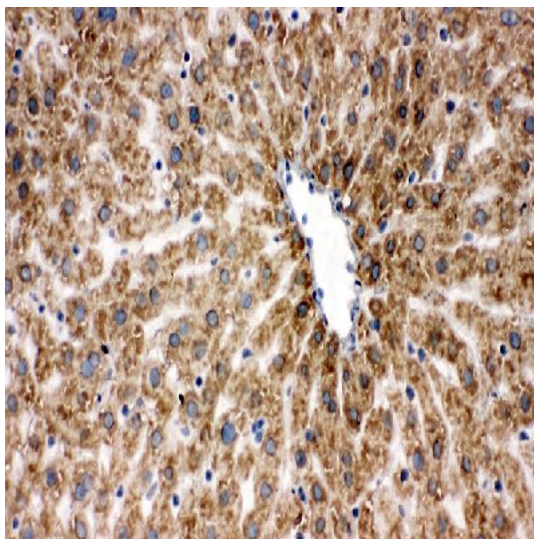
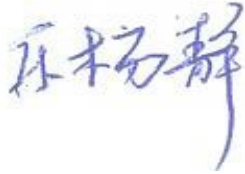


Figure 5. IHC analysis of Grp75 using anti-Grp75 antibody (PA1789).

Grp75 was detected in frozen section of rat liver tissues. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 $\frac{1}{4}$ g/ml rabbit anti-Grp75 Antibody (PA1789) overnight at 4 $\text{^\circ}$ C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 $\text{^\circ}$ C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016