

For Research Use Only

# HOXB6 Recombinant antibody, PBS Only



Catalog Number: 83155-4-PBS

## Basic Information

|                                      |                                       |  |
|--------------------------------------|---------------------------------------|--|
| Catalog Number:<br>83155-4-PBS       | GenBank Accession Number:<br>BC014651 | Purification Method:<br>Protein A purification |
| Size:<br>1 mg/ml                     | GeneID (NCBI):<br>3216                | CloneNo.:<br>230433F10                         |
| Source:<br>Rabbit                    | UNIPROT ID:<br>P17509                 |  |
| Isotype:<br>IgG                      | Full Name:<br>homeobox B6             |  |
| Immunogen Catalog Number:<br>AG14189 | Calculated MW:<br>224 aa, 25 kDa      |  |

## Applications

Tested Applications:  
Indirect ELISA, IF/ICC

Species Specificity:  
human

## Background Information

### Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

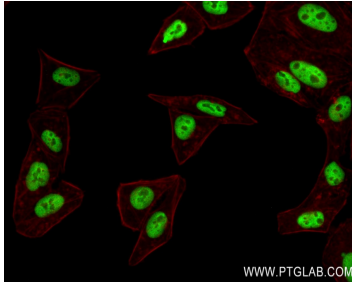
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

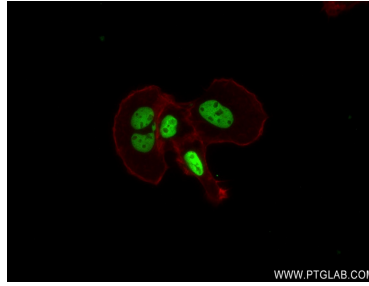
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

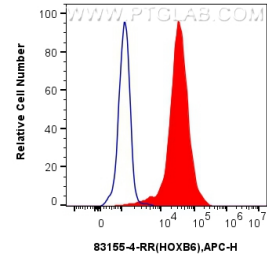
## Selected Validation Data



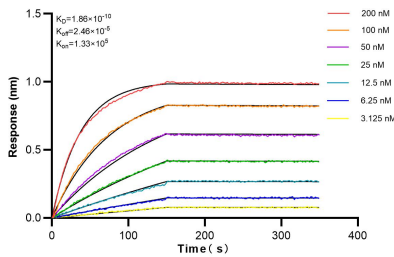
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HOXB6 antibody (83155-4-RR, Clone: 230433F10) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83155-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using HOXB6 antibody (83155-4-RR, Clone: 230433F10) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83155-4-PBS in a different storage buffer formulation.



1x10<sup>6</sup> K562 were intracellularly stained with 0.25 ug HOXB6 Recombinant antibody (83155-4-RR, Clone:230433F10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 83155-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83155-4-RR against Human HOXB6 were performed. The affinity constant is 0.186 nM.