

For Research Use Only

# HOXB6 Recombinant antibody, PBS Only



Catalog Number: 83155-4-PBS

## Basic Information

<b>Catalog Number:</b> 83155-4-PBS	<b>GenBank Accession Number:</b> BC014651	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3216	<b>CloneNo.:</b> 230433F10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P17509	
<b>Isotype:</b> IgG	<b>Full Name:</b> homeobox B6	
<b>Immunogen Catalog Number:</b> AG14189	<b>Calculated MW:</b> 224 aa, 25 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, IF/ICC

**Species Specificity:**  
human

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

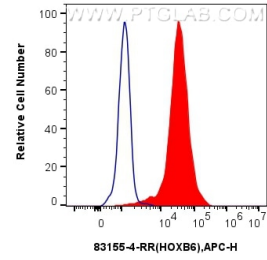
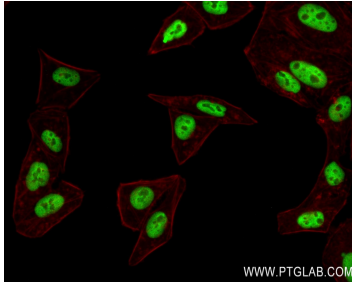
For technical support and original validation data for this product please contact:

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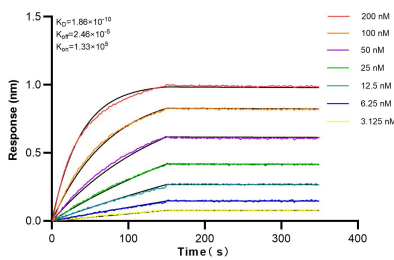
## Selected Validation Data



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.

$1 \times 10^6$  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.