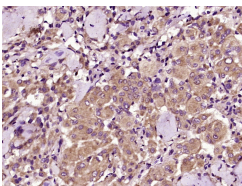


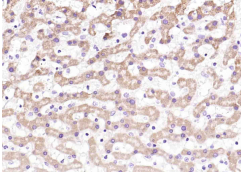
## IGF2R/M6PR Rabbit pAb

- Catalog Number: bs-6670R  
Target Protein: IGF2R/M6PR  
Concentration: 1mg/ml  
Form: Liquid  
Host: Rabbit  
Clonality: Polyclonal  
Isotype: IgG  
Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (5ug/Test)  
Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)  
Predicted MW: 300 kDa  
Entrez Gene: 3482  
Swiss Prot: P11717  
Source: KLH conjugated synthetic peptide derived from human IGF2R: 2201-2400/2491.  
Purification: affinity purified by Protein A  
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  
Background: Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.

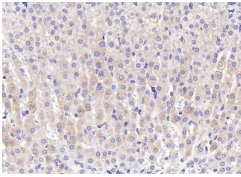
### VALIDATION IMAGES



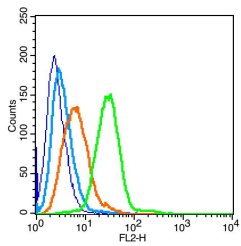
Paraformaldehyde-fixed, paraffin embedded (human meningioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IGF2R) Polyclonal Antibody, Unconjugated (bs-6670R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IGF2R/M6PR) Polyclonal Antibody, Unconjugated (bs-6670R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IGF2R/M6PR) Polyclonal Antibody, Unconjugated (bs-6670R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control(blue): Raji (fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-IGF2R M6PR antibody(bs-6670R), Dilution: 5µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange), used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=20.693] Pei Dai. et al. Gimap5 promoted RSV degradation through interaction with M6PR. J MED VIROL. 2022 Dec;; IF, WB ; Human . 36484389

[IF=5.68] Geng, Xiao-Rui, et al. "Insulin-like growth factor-2 enhances functions of Ag specific regulatory B cells." Journal of Biological Chemistry (2014). WB ; ="Mouse" . 24811165

[IF=2.38] Yang, Shaobo, et al. "Insulin-Like Growth Factor-1 Modulates Polycomb Cbx8 Expression and Inhibits Colon Cancer Cell Apoptosis." Cell Biochemistry and Biophysics (2014): 1-5. WB ; ="Human" . 25398592