Cation-independent mannose-6-phosphate receptor Recombinant antibody

Cat:B35065D

Company： HaoKebio

Uniprot ID:P11717

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 275 kDa

Observed Molecular Weight: 275 kDa

Applications: IHC:1:200-1:500

IHC-Polymer:1:800-1:2000

IHC-TSA:1:1000-1:2500

WB:1:5000-1:50000

Background:

This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate. The binding sites for each ligand are located on different segments of the protein. This receptor has various functions, including in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. Mutation or loss of heterozygosity of this gene has been association with risk of hepatocellular carcinoma. The orthologous mouse gene is imprinted and shows exclusive expression from the maternal allele; however, imprinting of the human gene may be polymorphic, as only a minority of individuals showed biased expression from the maternal allele.

Protein full name:

Cation-Independent Mannose-6-Phosphate Receptor，CI-M6PR

Synonyms:

MPR1; MPRI; CD222; CIMPR; M6P-R; MPR300; CI-M6PR; MPR 300; M6P/IGF2R

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

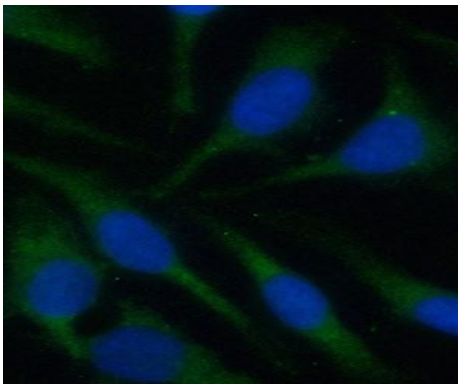
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: HeLa cells, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Cation-independent mannose-6-phosphate receptor(B35065D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Cation-independent mannose-6-phosphate receptor(B35065D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.