

Datasheet for ABIN357957  
**anti-M6PR antibody (N-Term)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	0.4 mL
Target:	M6PR
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This M6PR antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-term region of human M6PR.
Isotype:	Ig Fraction
Specificity:	This antibody detects M6PR (N-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	M6PR
Alternative Name:	M6PR ( <a href="#">M6PR Products</a> )
Background:	M6PR is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor

## Target Details

forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane. Synonyms: 46 kDa mannose 6-phosphate receptor, CD Man-6-P receptor, CD-MPR, Cation-dependent mannose-6-phosphate receptor, MPR46, MPRD

Molecular Weight: 30993 Da

Gene ID: 4074, 9606

UniProt: [P20645](#)

## Application Details

Application Notes: ELISA: 1/1,000. Immunohistochemistry: 1/10-1/50.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

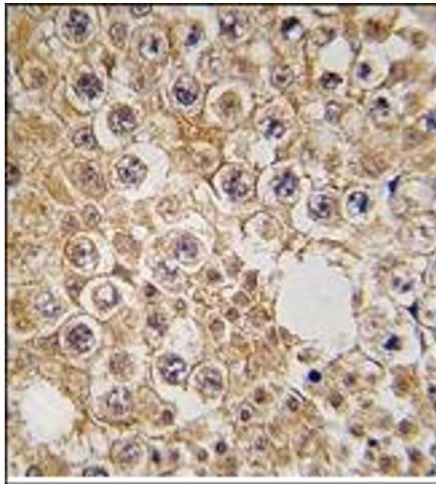
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

## Publications

Product cited in: De Marco, Lappano, De Francesco, Cirillo, Pupo, Avino, Vivacqua, Abonante, Picard, Maggiolini: "GPER signalling in both cancer-associated fibroblasts and breast cancer cells mediates a feedforward IL1 $\beta$ /IL1R1 response." in: **Scientific reports**, Vol. 6, pp. 24354, (2017) ([PubMed](#)).



**Image 1.**