

## M6PR Antibody

*M6PR, mannose-6-phosphate receptor (cation dependent), CD-MPR, FLJ32994, MPR46, SMPR, 46-kDa mannose 6-phosphate receptor, Mr 46,000 Man6PR, cation-dependent mannose-6-phosphate receptor*

**CATALOG NO.: 45-851**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

M6PR Antibody.

**SOURCE:**

M6PR antibody was raised against a synthetic peptide of M6PR.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_002346.1

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog, Cow

**TESTED APPLICATION:**

E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:4,000.  
Western Blot: Preliminary experiments gave bands at approx 70kDa and 35kDa in Human Lymph Node and Thyroid Gland lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 31.0kDa according to NP\_002346.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Zygmunt M, McKinnon T, Herr F, Lala PK, Han VK. HCG increases trophoblast migration in vitro via the insulin-like growth factor-II/mannose-6 phosphate receptor. Mol Hum Reprod. 2005 Apr;11(4):261-7. Epub 2005 Mar 4.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.