

Hsp47 Blocking Peptide
Catalog # PBV10207b**Specification**

Hsp47 Blocking Peptide - Product Information

Primary Accession	P19324
Gene ID	12406
Calculated MW	46534

Hsp47 Blocking Peptide - Additional Information**Gene ID** 12406**Application & Usage**

The peptide is used for blocking the antibody activity of Hsp47. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Serpin H1, 47 kDa heat shock protein, Collagen-binding protein, Colligin, Serine protease inhibitor J6, Serpinh1, Cbp1, Hsp47

Target/Specificity

Hsp47

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Hsp47 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Hsp47 Blocking Peptide - Protein Information**Name** Serpinh1**Synonyms** Cbp1, Hsp47**Function**

Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of

collagen.

Cellular Location

Endoplasmic reticulum lumen.

Hsp47 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Hsp47 Blocking Peptide - Images