

Ficolin-1 Blocking Peptide
Catalog # PBV10395b**Specification**

Ficolin-1 Blocking Peptide - Product Information

Primary Accession	Q9WTS8
Gene ID	83517
Calculated MW	36627

Ficolin-1 Blocking Peptide - Additional Information**Application & Usage**

The peptide is used for blocking the antibody activity of Ficolin-1. 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

Ficolin-1, Collagen/fibrinogen domain-containing protein 1, Ficolin-A, Ficolin-alpha, M-ficolin, Fcn1, Fcna

Target/Specificity

Ficolin-1

Formulation

50 µg (0.5 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**

Ficolin-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Ficolin-1 Blocking Peptide - Protein Information

Name Fcn1

Synonyms Fcna

Function

Extracellular lectin functioning as a pattern-recognition receptor in innate immunity. Binds the sugar moieties of pathogen- associated molecular patterns (PAMPs) displayed on microbes and activates the lectin pathway of the complement system. May also activate monocytes through a G

protein-coupled receptor, FFAR2, inducing the secretion of interleukin-8/IL-8. Binds preferentially to 9-O-acetylated 2-6-linked sialic acid derivatives and to various glycans containing sialic acid engaged in a 2-3 linkage (By similarity).

Cellular Location

Secreted {ECO:0000250|UniProtKB:O00602}. Cell membrane {ECO:0000250|UniProtKB:O00602}; Peripheral membrane protein {ECO:0000250|UniProtKB:O00602}; Extracellular side {ECO:0000250|UniProtKB:O00602}. Note=Found on the monocyte and granulocyte surface. {ECO:0000250|UniProtKB:O00602}

Ficolin-1 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](#)

Ficolin-1 Blocking Peptide - Images