

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Cytokeratin 18 (S52) Peptide

Cat No.: BS4676P

#### Background

Cytokeratin 18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. Involved in the uptake of thrombin-antithrombin complexes by hepatic cells. By similarity. When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

#### Swiss-Prot

P05783

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4676 p-Cytokeratin 18 (S52) pAb.

#### Purification & Purity

Synthetic peptide p-Cytokeratin 18 (S52). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.

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