

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cytokeratin 5 (S573) Peptide

Cat No.: BS1208P

#### Background

Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors. Cytokeratin 5 is expressed in normal basal cells. Mutations of the Cytokeratin 5 gene (KRT5) have been shown to result in the autosomal dominant disorder epidermolysis bullosa (EB).

#### Swiss-Prot

P13647

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1208 Cytokeratin 5 (S573) pAb.

#### Purification & Purity

Synthetic peptide Cytokeratin 5 (S573). (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.