

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cytokeratin 14 (Y151) Peptide

Cat No.: BS3500P

#### Background

Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. The  $\alpha$ -helical coiled-coil dimers associate laterally end-to-end to form 10 nm diameter filaments. Cytokeratins are useful markers of tissue differentiation, and in addition they aid in the characterization of malignant tumors. In Bowen's disease, the characteristic malignancy of the epidermis exhibits distinct expression patterns of Cytokeratin 14. Mutations in the gene encoding human Cytokeratin 14 lead to epidermolysis bullosa simplex, an inherited skin disorder characterized by skin blistering due to basal keratinocyte fragility.

#### Swiss-Prot

P02533

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3500 Cytokeratin 14 (Y151) pAb.

#### Purification & Purity

Synthetic peptide Cytokeratin 14 (Y151). (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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