

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Desmin (I448) Peptide

Cat No.: BS1712P

#### Background

Cytoskeletal intermediate filaments (IFs) constitute a diverse group of proteins that are expressed in a highly tissue-specific manner. Intermediate filaments are constructed from two-chain alpha-helical coiled-coil molecules arranged on an imperfect helical lattice and have been widely used as markers for distinguishing individual cell types within a tissue and identifying the origins of metastatic tumors. One such intermediate filament protein, Vimentin, is a general marker of cells originating in the mesenchyme. Vimentin is frequently co-expressed with other members of the intermediate filament family such as the cytokeratins, in neoplasms including melanoma and breast carcinoma. Vimentin and Desmin, a related class III intermediate filament, are both expressed during skeletal muscle development.

#### Swiss-Prot

P17661

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1712 Desmin (I448) pAb.

#### Purification & Purity

Synthetic peptide Desmin (I448). (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.