

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Integrin $\beta$ 3 (Y773) Peptide

Cat No.: BS4103P

#### Background

Integrins are heterodimers composed of noncovalently associated transmembrane  $\alpha$  and  $\beta$  subunits. The  $16\alpha$  and  $8\beta$  subunits heterodimerize to produce more than 20 different receptors. Most Integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain Integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster Integrins by binding to adjacent Integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of Integrin-mediated responses.

#### Swiss-Prot

P05106

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4103 p-Integrin  $\beta$ 3 (Y773) pAb.

#### Purification & Purity

Synthetic peptide p-Integrin  $\beta$ 3 (Y773). (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.