

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### STAG3 (Q1187) Peptide

Cat No.: BS2375P

#### Background

Stromalins are a group of highly conserved proteins that are characterized by the stromalin conservative domain. Stromal antigen 3 (STAG3) is a nuclear protein that is expressed specifically in germinal cells. STAG3 associates with the synaptonemal complex (SC) via immunolocalization. The SC is a meiotic protein structure that aids in the pairing of homologous chromosomes. In mammals, STAG3 associates with the SC and assists in sister chromatid cohesion, which keeps the homologous chromosomes appropriately aligned during the pachytene stage of prophase I. STAG3 appears to be located at the interchromatid domain during metaphase I, but is undetectable in ana-phase I or any of the later stages of meiosis.

#### Swiss-Prot

Q9UJ98

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2375 STAG3 (Q1187) pAb.

#### Purification & Purity

Synthetic peptide STAG3 (Q1187). (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.