

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



COL4A6 (G1223) Peptide

Cat No.: BS9130P

Background

Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. Collagens contain triple helix domains and frequently show lateral self-association in order to form complex connective tissues. Several collagens play a role in cell adhesion, which is important for maintaining normal tissue architecture and function. COL4A6 (collagen, type IV, α 6) is a 1,691 amino acid secreted protein belonging to the type IV collagen family. Type IV collagen, a major component of the basement membrane (BM), is composed of six genetically distinct α (IV) chains, α 1(IV) to α 6(IV). Defects in the gene encoding COL4A6 is believed to be the cause of X-linked Alport syndrome (AS), which is characterized by macroscopic hematuria, cataracts and leiomyomatosis.

Swiss-Prot

Q14031

Applications

Blocking

Specificity

This peptide can be used with studies using BS9130 COL4A6 (G1223) pAb.

Purification & Purity

Synthetic peptide COL4A6 (G1223). (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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