

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Nephrocystin-5 (R467) Peptide

Cat No.: BS3319P

#### Background

CEP290 activates ATF4 mediated transcription and is required for the correct localization of ciliary and phototransduction proteins in retinal photoreceptor cells; may play a role in ciliary transport processes. CEP290 is ubiquitously expressed; strongly in placenta and weakly in brain. There are two named isoforms. Defects in CEP290 are a cause of Joubert syndrome type 5 (JBTS5), Senior-Loken syndrome type 6 (SLSN6) [MIM:610189], Leber congenital amaurosis type 10 (LCA10) and Meckel syndrome type 4 (MKS4) [MIM:611134]. Antibodies against CEP290 are present in sera from patients with cutaneous T cell lymphomas, but not in the healthy control population.

#### Swiss-Prot

Q15051

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3319 Nephrocystin-5 (R467) pAb.

#### Purification & Purity

Synthetic peptide Nephrocystin-5 (R467). (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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