

## PRODUCT INFORMATION SUMMARY

### Anti-BD-5 (Polyclonal Rabbit)

Purified Polyclonal Antibody	Product Number	RHF635 100.0 ug
Biotin Conjugate	Product Number	RHF635B 50.0 ug

#### SPECIFICITY:

**Rabbit** polyclonal antibodies to human BD-5 (Beta Defensin-5), produced from highly purified recombinant human BD-5 immunogen. Antiserum further purified by **Antigen-Affinity** chromatography, to produce highly specific, high titre preparation.

**SOURCE:** **Rabbit** antiserum.

#### RESEARCH APPLICATIONS:

Identification of human BD-5 in body fluids and tissue sections.

**ELISA:** Antibody concentration of approx. 1.0 ug/mL (100 uL/well) was used to detect 0.4 ng/well human BD-5. Customer must optimize.

For **Biotin conjugate** use at concentration of 0.2 - 0.5 ug/mL to achieve detection of 0.2 ng/well recombinant human BD-5.

**NEUTRALIZING ACTIVITY:** Not currently tested.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 2.0 ng/lane recombinant human BD-5 under both reducing or non-reducing conditions.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided sterile-filtered and lyophilized in PBS. Reconstitute with 100 uL sterile water.

( For **Biotin conjugate**, reconstitute with 500 uL sterile water containing 0.1% BSA).

These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Contains no preservatives. Small aliquots may be frozen at -20° C for long-term storage. All reagents in a liquid state should be stored at 2-8° C when not in use, and are stable for approximately one month without addition of preservative.

Avoid repeat freeze-thaw cycles.

**RESEARCH USE ONLY. NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**