

## PRODUCT INFORMATION SUMMARY

### Anti-IL-4 (Polyclonal Rabbit)

Purified Polyclonal Antibody	Product Number	RH400020	0.1 mg
Biotin Conjugate	Product Number	RH400020B	50 ug

#### SPECIFICITY:

Rabbit polyclonal antibodies to human interleukin 4, produced from highly purified recombinant human IL-4 immunogen.

Antiserum further purified by **Antigen-Affinity** chromatography, to produce highly specific, high titre preparation.

**SOURCE:** Rabbit antiserum.

#### RESEARCH APPLICATIONS:

Identification of human IL 4 in body fluids and tissue sections.

**ELISA:** Antibody concentration of 0.5 ug/mL (100 uL/well) was used to detect 0.4 ng/well human IL-4.

For **Biotin conjugate** use at concentration of 0.2 - 0.3 ug/mL to achieve detection of 0.2 ng/well recombinant human IL-4. (Optimize)

**NEUTRALIZING ACTIVITY:** Antibody concentration of 0.05 ug/mL achieved one-half maximal inhibition of 1.5 ng/mL human IL-4.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant human IL-4 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.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

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