



## PRODUCT INFORMATION SUMMARY

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

Antigen-Affinity Purified      Product Number      RMF400      0.1 mg

#### SPECIFICITY:

Rabbit polyclonal antibodies to mouse Interleukin 4 (IL-4), produced from highly purified recombinant mouse IL-4 immunogen. Antiserum purified by:  
\* Antigen-Affinity Purified for greater specificity in all applications.

#### SOURCE:

Rabbit antiserum, purified, sterile filtered.

#### RESEARCH APPLICATIONS:

Identification of mouse IL-4 in body fluids and tissue sections.

#### ELISA: antigen-affinity purified form:

Antibody concentration of 0.5 ug/mL (100 uL/well) was used in ELISA to detect 0.2 ng/well recombinant mouse IL-4.

#### NEUTRALIZING ACTIVITY:

Antibody concentration of 0.3 ug/mL achieved half-maximal inhibition of 7.5 ng/mL mouse IL-4.

#### WESTERN BLOT:

Antibody concentration of 0.2 ug/mL was used to detect 2.0 ng/lane mouse IL-4 under reducing or non-reducing conditions.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS, preservative-free. Reconstitute with 500 uL sterile water (100 uL for 0.1 mg size). These preparations should be diluted in buffered solutions (PBS or similar) or other stabilizing medium to a concentration suitable for use in specific protocols. Small aliquots should be frozen at -20° C for long-term storage, or preservative added as suitable for application. All reagents in a liquid state should be stored at 2-8° C when not in use, with addition of preservative (0.1% sodium azide or similar) to store in liquid state. 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.**