

PRODUCT INFORMATION SUMMARY

Anti-IL-1 Alpha (Polyclonal)

Purified Polyclonal Antibody	Product No. RH100111	0.1 mg
Biotin Conjugate	Product No. RH100111B	50.0 ug

* ANTIGEN-Affinity Purified

SPECIFICITY:

Rabbit polyclonal antibodies to human interleukin 1 Alpha, produced from highly purified recombinant human IL-1 Alpha immunogen. Antiserum fraction purified by ion exchange chromatography, and further purified by **Antigen-Affinity** chromatography to produce high titre, highly specific preparation.

SOURCE: Rabbit antiserum, antigen-affinity purified, sterile filtered.

RESEARCH APPLICATIONS:

Identification of human IL 1 in body fluids and tissue sections. ELISA: Antibody concentration of 0.5 ug/mL (100 uL/well) was used in ELISA to detect 0.4 ng/well recombinant human IL-1 Alpha.

NEUTRALIZING ACTIVITY: antibody concentration of 2.0 ug/mL will yield one-half maximal inhibition of 20.0 ng/mL IL-1 Alpha in proliferation assay.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was able to detect 1.5 ng/lane recombinant human IL-1 Alpha under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Reconstitute with 100 uL sterile water. Purified polyclonal antibody provided lyophilized from PBS. For **Biotin conjugate**, reconstitute in 1.0 mL distilled water **containing 0.1% BSA**. These preparations should be further-diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Small aliquots may be frozen at -20 ° C for long-term storage. Antibody is stable for approximately one month, in liquid state, without 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.

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