



## RABBIT ANTI-RAT INTERLEUKIN-1beta AFFINITY PURIFIED POLYCLONAL ANTIBODY

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<b>CATALOG NUMBER:</b>	AB1832P	<b>QUANTITY:</b>	50 µg
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1 mg/mL
<b>SPECIFICITY:</b>	Reacts with rat Interleukin-1beta (IL-1beta)		
<b>APPLICATIONS:</b>	<p>ELISA: To detect rIL-1beta by direct ELISA (using 100 µL/well antibody solution) a concentration of at least 0.5 µg/mL of antibody is required. This will allow the detection of 0.2-0.4 ng/well of recombinant rIL-1beta.</p> <p>Western blot: 0.1-0.2 µg/mL, this dilution should offer detection limit of 1.5-3.0 ng/lane, under reducing or non-reducing conditions.</p> <p>Neutralization: to yield ½ maximal inhibition (ND<sub>50</sub>) of the biological activity of rat IL-1beta (0.2 ng/mL), a concentration of 0.09-0.14 µg/mL of antibody is required.</p> <p>Final working dilutions must be determined by end user.</p>		
<b>IMMUNOGEN:</b>	Highly pure (>98%) recombinant rat IL1beta		
<b>PRESENTATION:</b>	Affinity purified Immunoglobulin. Lyophilized from PBS pH 7.2, no preservatives.		
<b>STORAGE/HANDLING:</b>	The lyophilized antibody is stable at room temperature for one month and for greater than a year when kept at -20°C. When reconstituted in sterile distilled water to a concentration ≥ 0.2 mg/mL, the antibody is stable at 2-8°C for at least six weeks.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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