

## Cxcl2

### Rabbit Anti-Rat CXCL2/MIP-2 Biotin pAb

<b>Catalog No.</b>	PA0292BT	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	GRO-beta; Scyb2		
<b>Description:</b>	The rabbit polyclonal antibody recognizes rat CXCL2/ Macrophage inflammatory protein 2 (MIP-2), a chemokine that attracts neutrophils, and its secretion from intestinal epithelial cells is enhanced by inflammatory stimuli such as IL-1beta. CXCL2 is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation.		
<b>Gene ID:</b>	114105		
<b>Conjugate:</b>	Biotin		
<b>Specificity:</b>	Rat		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant Rat CXCL2/ GRO beta/ MIP-2, highly purified (>98%).		
<b>Clone:</b>	Polyclonal		
<b>Formulation:</b>	Lyophilized from sterile filtered solution in PBS, pH 7.2.		
<b>Purification:</b>	Affinity Chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile PBS + 0.1% BSA to a concentration of 0.1 -1.0 mg/ml.		
<b>Applications:</b>	ELISA, Western Blot		
<b>Application Notes:</b>	ELISA: Recommended concentration of 0.25 - 1 µg (100 µl/well). Detection of at least 0.2 -0.4 ng/well of recombinant GRO/β/MIP-2, in conjunction with compatible secondary reagents.  WB: Recommended concentration of 0.1 - 0.2 µg/ml. Detection limit for recombinant GRO/β/MIP-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions, in conjunction with compatible secondary reagents.  The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable at room temperature for shipping purposes. Upon receipt store desiccated at -20°C for up to 2 years.  Upon reconstitution, antibody is stable for 2 weeks at 2-8°C. For long term storage, freeze aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

