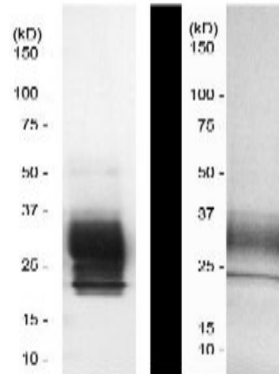


## Ifnb1

### Rabbit Anti-Rat IFN-beta Affinity Purified pAb

<b>Catalog No.</b>	CPI134	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	Interferon beta, fibroblast interferon		
<b>Description:</b>	A neutralizing rabbit anti-rat IFN-beta polyclonal antibody.		
<b>UniProt ID:</b>	P70499		
<b>Gene ID:</b>	24481		
<b>Immunogen:</b>	For immunization recombinant rat IFN- $\beta$ (CHO-derived) is used.		
<b>Specificity:</b>	Neutralizes both native and recombinant rat IFN- $\beta$ . Cross-reactivity with human IFN- $\beta$ has not been tested.		
<b>Isotype:</b>	Rabbit Ig		
<b>Purification:</b>	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Biological Activity:</b>	$> 5 \times 10^3$ neutralizing units/mg IgG One neutralizing unit is defined as the total amount of antibody sufficient for neutralizing one laboratory unit of recombinant rat IFN- $\beta$ (one unit corresponds with approximately 15 pg of pure rat IFN- $\beta$ ).		
<b>Reconstitution:</b>	<b>Centrifuge vial briefly before opening.</b> Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended). <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	ELISA system <i>In vitro</i> neutralization Western Blot analysis		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

Left: Western blot activity of 0.1 µg/ml rabbit pAb anti-rat IFN-β.  
Right: SDS-PAGE of purified recombinant rat IFN-β.



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