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## Data sheet Polyclonal antibody to rat interferon beta (IFN- $\beta$ )

<b>Cat. No.</b>	<b>CT024</b>
<b>Isotype</b>	Rabbit Ig
<b>Immunogen</b>	Recombinant rat IFN- $\beta$ (CHO-derived)
<b>Purification</b>	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.
<b>Packaging</b>	Lyophilized and vacuum-packed
<b>Contents</b>	0.5 mg/vial
<b>Buffer</b>	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose
<b>Specificity</b>	Neutralizes both natural and recombinant rat IFN- $\beta$ . Cross-reactivity with human IFN- $\beta$ has not been tested.
<b>Activity</b>	> 5 x10 <sup>3</sup> neutralizing units/mg IgG.
<b>Neutralizing unit</b>	One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one laboratory unit of recombinant rat IFN- $\beta$ (one unit corresponds with approximately 15 pg of pure rat IFN- $\beta$ ).
<b>Sterility</b>	Membrane filtered (0.2 $\mu$ m)
<b>Reconstitution</b>	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
<b>Stability</b>	Lyophilized product is stable for at least one year at 4°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth.
<b>Quantitation</b>	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
<b>Application</b>	ELISA <i>In vitro</i> neutralization Western blot analysis

References can be found in the Reference Database at [www.ucytech.com/references](http://www.ucytech.com/references).

