

## Datasheet: AHP1833B

<b>Description:</b>	RABBIT ANTI HUMAN CD120b:Biotin
<b>Specificity:</b>	CD120b
<b>Other names:</b>	TNF-R2
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
ELISA	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
<b>Antiserum Preparation</b>	Antiserum to human CD120b were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein</b>	IgG concentration 0.1mg/ml after reconstitution

## Concentrations

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**Immunogen** [Recombinant human CD120b](#) (PHP215)

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**External Database Links**

**UniProt:**

[P20333](#) [Related reagents](#)

**Entrez Gene:**

[7133](#) TNFRSF1B [Related reagents](#)

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**Synonyms** TNFBR, TNFR2

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**RRID** AB\_2206652

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**Specificity**

**Rabbit anti human CD120b** recognizes the soluble form of human CD120b, otherwise known as sTNF receptor type II (sTNFR1I), a member of the tumour necrosis factor receptor (TNFR) superfamily, produced by proteolytic cleavage of the membrane form by the metalloprotease TACE.

CD120b plays a key role in regulating the inflammatory response, acting as a receptor for both tumour necrosis factor alpha (TNF-alpha) and TNF-beta, and is also involved in programmed cell death and anti-viral activity. sTNFR1I acts as an inhibitor of TNF-alpha induced responses, by acting as a decoy receptor.

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**ELISA**

This biotinylated human CD120b antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with a [purified human CD120b antibody](#) (AHP1833) as the capture reagent and [recombinant human CD120b](#) (PHP215) as the standard.

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**Western Blotting**

This biotinylated human CD120b antibody may used in Western Blotting applications under either reducing or non-reducing conditions with [recombinant human CD120b](#) (PHP215) as the positive control.

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**Storage**

Prior to reconstitution store at -20°C.  
After reconstitution store at -20°C.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information**

Material Safety Datasheet documentation #10162 available at:  
10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

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**Regulatory**

For research purposes only

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