

Datasheet: AHP1833B

BATCH NUMBER 164817

Description:	RABBIT ANTI HUMAN CD120b:Biotin
Specificity:	CD120b
Other names:	TNF-R2
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - lyophilized
Reconstitution	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.
Antiserum Preparation	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.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 0.1mg/ml after reconstitution
Immunogen	Recombinant human CD120b.
External Database Links	<p>UniProt:</p> <p>P20333 Related reagents</p> <p>Entrez Gene:</p> <p>7133 TNFRSF1B Related reagents</p>
Synonyms	TNFR1, TNFR2
RRID	AB_2206652
Specificity	<p>Rabbit anti Human CD120b recognizes the soluble form of human CD120b, otherwise known as sTNF receptor type II (sTNFR1I), a member of the tumor necrosis factor receptor (TNFR) superfamily, produced by proteolytic cleavage of the membrane form by the metalloprotease TACE.</p> <p>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.</p>
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.
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.
Storage	<p>Prior to reconstitution store at -20°C.</p> <p>After reconstitution store at -20°C.</p> <p>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.</p>
Guarantee	12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10294 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP1833B>
10294

Regulatory

For research purposes only

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