

Datasheet: AHP2799Z

**BATCH NUMBER 156473**

<b>Description:</b>	RABBIT ANTI HUMAN CD120b (SOLUBLE):Preservative Free
<b>Specificity:</b>	CD120b (SOLUBLE)
<b>Other names:</b>	sTNF-RECEPTOR TYPE II
<b>Format:</b>	Preservative Free
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
ELISA	▪			0.5 ug/ml - 2.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 0.2 ug/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 - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.1 ml distilled water
<b>Antiserum Preparation</b>	Produced from sera of rabbits immunized with recombinant human sTNF-receptor type II and purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes

<b>Endotoxin Level</b>	< 0.1 ng/μg of protein (< 1 EU/μg)
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml after reconstitution
<b>Immunogen</b>	<i>E. coli</i> derived recombinant human soluble CD120b comprising the cysteine-rich, ligand binding portion of the extracellular domain of the CD120b protein
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P20333</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">7133</a>    TNFRSF1B    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TNFBR, TNFR2
<b>Specificity</b>	<p><b>Rabbit anti Human CD120b (soluble) antibody</b>, recognizes soluble CD120b, also known as TNF receptor type II, TNFRSF1B and p80 TNF-alpha receptor.</p> <p>CD120b is a member of the TNF receptor superfamily and is a single spanning type I transmembrane receptor. Upon binding of its ligand TNF, the adaptor proteins TRAF-2 and TRAF-2-associated proteins are recruited. This results in the activation of the NF-κB signaling pathway as well as the activation of other signaling kinases (<a href="#">Wajant &amp; Siegmund 2019</a>). TNF-CD120b signaling promotes cell proliferation and survival (<a href="#">Ahmad et al. 2018</a>).</p> <p>A soluble form of CD120b has been described and is produced as a result of alternative splicing or shedding. The soluble form competes with the membrane bound form for the ligand TNF. The binding of TNF to soluble CD120b effectively inhibits TNF signaling by competing with the membrane bound form (<a href="#">Wajant &amp; Siegmund 2019</a>).</p>
<b>Storage</b>	<p>Prior to reconstitution store at -20°C.  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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10294 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2799Z">https://www.bio-rad-antibodies.com/SDS/AHP2799Z</a> 10294
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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'M376325:210127'

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