

Datasheet: AHP2802Z

**BATCH NUMBER 156476**

<b>Description:</b>	RABBIT ANTI HUMAN TNFSF14:Preservative Free
<b>Specificity:</b>	TNFSF14
<b>Other names:</b>	CD258
<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 LIGHT 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>	Insect cell line derived recombinant human TNFSF14
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O43557</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">8740</a> TNFSF14    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HVEML, LIGHT
<b>Specificity</b>	<p><b>Rabbit anti Human TNFSF14 antibody</b>, recognizes TNFSF14 also known as LIGHT, Herpes virus entry mediator and CD258. TNFSF14 is the ligand of the receptor TNFRSF14, which is the cell surface receptor that the Herpes virus uses to attach to the cell surface and to enter into the cell, it is also a ligand of lymphotoxin-β receptor (<a href="#">Ware &amp; Sedý 2011</a>). Signaling events initiated upon binding of TNFSF14 to these receptors is cell dependent. However, the responses are often related to immune system stimulation including the production of various cytokines, adhesion molecules that control the migration and positioning of dendritic cells and lymphocytes (<a href="#">Skeate et al. 2020</a>, <a href="#">Tang et al. 2016</a>).</p> <p>TNFSF14 is primarily expressed by activated T cells, activated natural killer cells and immature dendritic cells. It is initially synthesized as a type II transmembrane protein, which can be proteolytically cleaved to release a soluble bioactive form (<a href="#">Ware &amp; Sedý 2011</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/AHP2802Z">https://www.bio-rad-antibodies.com/SDS/AHP2802Z</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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'M376328:210127'

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