

Datasheet: AHP2807Z

Description:	RABBIT ANTI MOUSE TNFSF14:Preservative Free
Specificity:	TNFSF14
Other names:	CD258
Format:	Preservative Free
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Mouse
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water
Antiserum Preparation	Produced from sera of rabbits immunized with recombinant mouse LIGHT and purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Endotoxin Level	< 0.1 ng/μg of protein (< 1 EU/μg)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	<i>E. coli</i> derived recombinant mouse TNFSF14
External Database Links	<p>UniProt: O43557 Related reagents</p> <p>Entrez Gene: 8740 TNFSF14 Related reagents</p>
Synonyms	HVEML, LIGHT
Specificity	<p>Rabbit anti Mouse TNFSF14 antibody, 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 (Ware & Sedý 2011). 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 (Skeate et al. 2020, Tang et al. 2016).</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 (Ware & Sedý 2011).</p>
Storage	<p>This product is shipped at ambient temperature. 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>
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/AHP2807Z10294
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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