

## Datasheet: AHP2324

<b>Description:</b>	RABBIT ANTI CD107b
<b>Specificity:</b>	CD107b
<b>Other names:</b>	LAMP2
<b>Format:</b>	Purified
<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
Western Blotting	▪			0.5 - 4.0 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

Rat

### Species Cross Reactivity

Reacts with: Human, Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

30% Glycerol  
0.5% Bovine Serum Albumin  
0.01% Thiomersal

### Approx. Protein Concentrations

IgG concentration 0.5 mg/ml

**Immunogen** Synthetic peptide surrounding amino acid 403 of rat CD107b

---

**External Database**

**Links**

**UniProt:**

[Q8C876](#)

[Related reagents](#)

---

**Specificity**

**Rabbit anti CD107b antibody** recognizes a region surrounding amino acid 403 of the rat CD107b antigen, also known as lysosome-associated membrane protein 2 (LAMP2). LAMP2 is a membrane glycoprotein. It is a ketone acetyltransferase that is a component of the multisubunit histone acetyl transferase complex (MSL). LAMP2 plays an important role in the normal function of the lysosome, which includes protecting the lysosomal membrane from autodigestion. It is also implicated in tumor cell metastasis.

---

**Western Blotting**

Rabbit anti CD107b antibody recognizes bands between 50 kDa and 130 kDa (representing various states of glycosylation) in Jurkat, 3T3 and rat kidney lysates

---

**Storage**

Store at -20°C

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**Guarantee**

12 months from date of despatch

---

**Health And Safety Information**

Material Safety Datasheet documentation #10096 available at:  
10096: <https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf>

---

**Regulatory**

For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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

'M389879:210811'

Printed on 29 Aug 2021

---