

## Datasheet: AHP2325

<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
ELISA	▪			
Western Blotting	▪			0.5 - 4.0 ug/ml
Immunocytochemistry	▪			10 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>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% sodium azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	CD107b antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human CD107b
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P13473</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

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<b>Specificity</b>	<b>Rabbit anti CD107b antibody</b> recognizes a region close to the carboxy terminus of the human CD107b antigen, also known as lysosome-associated membrane protein 2 (LAMP2). 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.
<b>Western Blotting</b>	Rabbit anti CD107b antibody recognizes a band of approximately 112 kDa in HepG2 lysates
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> , <a href="#">DyLight®649</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>
Sheep Anti Rabbit IgG (2AB02...)	<a href="#">Biotin</a>

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