

## Datasheet: VPA00816

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI CD147      |
| <b>Specificity:</b>  | CD147                  |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Polyclonal |
| <b>Isotype:</b>      | Polyclonal IgG         |
| <b>Quantity:</b>     | 100 µl                 |

## 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 | ▪   |    |                | 1/1000             |

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

### Target Species

Human

### Species Cross Reactivity

Reacts with: 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

### Preparation

Rabbit polyclonal antibody purified by affinity chromatography on immunogen.

### Buffer Solution

Phosphate buffered saline.

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)  
2% Sucrose

### Immunogen

Synthetic peptide corresponding to the middle region of human CD147

**External Database  
Links**

**UniProt:**

[P35613](#)   [Related reagents](#)

**Entrez Gene:**

[682](#)   BSG   [Related reagents](#)

---

**Specificity**

**Rabbit anti Human CD147** recognizes CD147 also known as basigin, OK blood group antigen, collagenase stimulatory factor or extracellular matrix metalloproteinase inducer.

The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene (provided by RefSeq, Jul 2008).

Rabbit anti Human CD147 antibody detects bands of 37-58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**

Anti CD147 antibody recognizes bands of approximately 37-58 kDa in HepG2 cell lysates.

---

**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

---

**Guarantee**

12 months from date of despatch.

---

**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

---

**Health And Safety  
Information**

Material Safety Datasheet documentation #10045 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00816>  
Antibody (10045)

---

**Regulatory**

For research purposes only.

---

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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

**America**   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)

'M403640:220726'

**Printed on 13 Aug 2023**