

## Datasheet: VPA00455

|                      |                            |
|----------------------|----------------------------|
| <b>Description:</b>  | RABBIT ANTI INTERLEUKIN-18 |
| <b>Specificity:</b>  | IL-18                      |
| <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             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

|                                     |                                                                                                                                                                     |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>               | Human                                                                                                                                                               |
| <b>Product Form</b>                 | Purified IgG - liquid                                                                                                                                               |
| <b>Preparation</b>                  | Rabbit polyclonal antibody purified by affinity chromatography                                                                                                      |
| <b>Buffer Solution</b>              | Phosphate buffered saline                                                                                                                                           |
| <b>Preservative<br/>Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>2% Sucrose                                                                                                                |
| <b>Immunogen</b>                    | Synthetic peptide directed towards the C terminal region of human interleukin-18                                                                                    |
| <b>External Database<br/>Links</b>  | <b>UniProt:</b><br><a href="#">Q14116</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">3606</a> IL18 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                     | IGIF, IL1F4                                                                                                                                                         |
| <b>Specificity</b>                  | <b>Rabbit anti Human interleukin-18 antibody</b> recognizes interleukin-18 (IL-18), also known as IFN-gamma-inducing factor, IL-1 gamma or iboctadekin.             |

The protein encoded by IL18 gene is a proinflammatory cytokine that augments natural killer cell activity in spleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively spliced transcript variants encoding different isoforms have been found for IL-18 (provided by RefSeq, Aug 2011).

Rabbit anti Human interleukin-18 antibody detects a band of 22 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blotting</b>              | Anti IL-18 detects a band of approximately 22 kDa in HeLa cell lysates                                                                                                                                              |
| <b>Instructions For Use</b>          | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.                                       |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles                                                                                                                                                      |
| <b>Shelf Life</b>                    | As supplied, 12 months from date of despatch                                                                                                                                                                        |
| <b>Acknowledgements</b>              | PrecisionAb™ is a trademark of Bio-Rad Laboratories                                                                                                                                                                 |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10045 available at:<br>Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a> |
| <b>Regulatory</b>                    | 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)

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