

Datasheet: VPA00729

**BATCH NUMBER 161118**

<b>Description:</b>	RABBIT ANTI IL-12 RECEPTOR B2
<b>Specificity:</b>	IL-12 RECEPTOR B2
<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

### Buffer Solution

TRIS buffered glycine

### Preservative Stabilisers

0.01% Thiomersal  
<50% Glycerol

**Immunogen** Recombinant protein encompassing part of the middle region of human IL-12 receptor B2

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**External Database**

**Links**

**UniProt:**

[Q99665](#)

[Related reagents](#)

**Entrez Gene:**

[3595](#)

IL12RB2

[Related reagents](#)

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**Specificity**

**Rabbit anti Human IL-12 receptor B2 antibody** recognizes interleukin-12 receptor subunit beta-2, also known as IL-12 receptor subunit beta-2, IL-12R subunit beta-2 or interleukin-12 receptor beta-2 chain.

The protein encoded by IL12RB2 gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of IL12RB2 is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of IL12RB2 is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. Several transcript variants encoding different isoforms and non-protein coding transcripts have been found for IL12RB2 (provided by RefSeq, Apr 2012).

Rabbit anti Human IL-12 receptor B2 antibody detects a band of 97 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Rabbit anti IL-12 receptor B2 detects a band of approximately 97 kDa in HepG2 cell lysates

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**Storage**

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

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information**

Material Safety Datasheet documentation #20357 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00729>  
Antibody (20357)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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)

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