

Datasheet: AHP2808Z

Description:	RABBIT ANTI HUMAN INTERLEUKIN-36 GAMMA:Preservative Free
Specificity:	IL-36 GAMMA
Other names:	IL-1F9
Format:	Preservative Free
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			0.5 ug/ml - 2.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 0.2 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	Human
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water
Antiserum Preparation	Produced from sera of rabbits immunized with recombinant human interleukin-36 gamma and purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Endotoxin Level	< 0.1 ng/μg of protein (< 1 EU/μg)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	<i>E. coli</i> derived recombinant human interleukin-36 gamma
External Database Links	<p>UniProt: Q9NZH8 Related reagents</p> <p>Entrez Gene: 56300 IL1F9 Related reagents</p>
Synonyms	IL1E, IL1H1, IL1RP2
Specificity	<p>Rabbit anti Human interleukin-36 gamma antibody, recognizes interleukin-36 gamma (IL-36 gamma) also known as IL-1 related protein 2, IL-1 epsilon, IL-1 family member 9 and IL-1 homologue 1.</p> <p>IL-36 gamma is a member of the IL-1 superfamily of cytokines and elicits its biological function through the IL-1 receptor-related protein 2. Activation of this receptor can lead to the activation of the NF-κB, MAPK, JNK and ERK signaling cascades (Bao et al. 2020). In this way, IL-36 gamma is able to act as a proinflammatory cytokine, with the exact biological function dependent on the type and site of inflammation (Ding et al. 2017).</p>
Storage	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: 10294: https://www.bio-rad-antibodies.com/uploads/MSDS/10294.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](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: 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

'M376333:210127'

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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