

## Datasheet: PHP133

**BATCH NUMBER 160372**

<b>Description:</b>	PURIFIED HUMAN SECRETORY IgA
<b>Name:</b>	IgA (SECRETORY)
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	0.5 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

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>Product Form</b>	Purified IgA - liquid
<b>Preparation</b>	Purified human secretory IgA prepared by size-exclusion and ion exchange chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	1.0 mg/ml

#### External Database Links

##### UniProt:

[P01876](#)     [Related reagents](#)

[P01877](#)     [Related reagents](#)

##### Entrez Gene:

[3493](#) IGHA1 [Related reagents](#)

[3494](#) IGHA2 [Related reagents](#)

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**RRID** AB\_605423

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**Product Information** **Purified Human Secretory IgA** is derived from human colostrum and is predominately in dimeric form, the monomers being linked by immunoglobulin J chain.

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**References**

1. Bidgood, S.R. *et al.* (2014) Translocalized IgA mediates neutralization and stimulates innate immunity inside infected cells. [Proc Natl Acad Sci U S A. 111 \(37\): 13463-8.](#)
2. Herrera, D. *et al.* (2013) Rotavirus specific plasma secretory immunoglobulin in children with acute gastroenteritis and children vaccinated with an attenuated human rotavirus vaccine. [Hum Vaccin Immunother. 9 \(11\): 2409-17.](#)
3. Zhang, J. *et al.* (2021) Role of Human Mesangial-Tubular Crosstalk in Secretory IgA-Induced IgA Nephropathy. [Kidney Blood Press Res. : Apr 161-12.](#)

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**Storage** Store at -20°C only.  
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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10162 available at:  
<https://www.bio-rad-antibodies.com/SDS/PHP133>  
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**Regulatory** For research purposes only

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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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