

## Datasheet: OBT1524

<b>Description:</b>	HUMAN IgM PURIFIED IMMUNOGLOBULIN
<b>Name:</b>	IgM
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Isotype:</b>	IgM
<b>Quantity:</b>	2 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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified Protein - liquid
<b>Preparation</b>	Purified IgM prepared by delipidation, selective precipitation and tandem molecular sieve chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01871</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3507</a> IGHM   <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_615619

**Product Information** **Human IgM Purified Immunoglobulin** is purified IgM from myeloma serum. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-human serum and anti-human IgM ( $\mu$  chain specific). No reaction was observed against anti-human IgG F(c). Some light chain cross reactivity will occur with human IgG.

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**References** 1. Litvack, M.L. *et al.* (2010) Natural IgM and innate immune collectin SP-D bind to late apoptotic cells and enhance their clearance by alveolar macrophages *in vivo*. [Mol Immunol.48: 37-47.](#)

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**Storage** Store at +4°C or at -20°C if preferred.  
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 #10327 available at:  
10327: <https://www.bio-rad-antibodies.com/uploads/MSDS/10327.pdf>

Donor material tested and found negative for HIV antibody, HBsAg, HCV antibody, HIV1 antigen, HTLV1 and 2 antibodies and Syphilis.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

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**Regulatory** For research purposes only

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