

## Datasheet: MCA1919H

<b>Description:</b>	MOUSE ANTI HUMAN CD99
<b>Specificity:</b>	CD99
<b>Other names:</b>	MIC2
<b>Format:</b>	Ready To Use
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	O13
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	6 ml

## 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
Immunohistology - Frozen	▪			Neat
Immunohistology - Paraffin (1)	▪			Neat

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.**

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid, ready to use
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide 1% Bovine Serum Albumin
<b>Immunogen</b>	MeWo human melanoma cell line.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P14209</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4267</a>   CD99   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	MIC2, MIC2X, MIC2Y

<b>Specificity</b>	<b>Mouse anti Human CD99 antibody, clone O13</b> recognizes the human CD99 cell surface antigen, a 32kDa glycoprotein expressed by leucocytes and strongly on the majority (>95%) of Ewings sarcomas.  The antigen is also expressed by some primitive neuroectodermal tumors and peripheral neuroepitheliomas.
<b>Histology Positive Control Tissue</b>	Ewings Sarcoma
<b>References</b>	<ol style="list-style-type: none"> <li>1. Dracopoli, N.C. <i>et al.</i> (1985) Genes controlling gp25/30 cell-surface molecules map to chromosomes X and Y and escape X-inactivation. <a href="#">Am J Hum Genet. 37 (1): 199-207.</a></li> <li>2. Chan, J.K. <i>et al.</i> (1995) The MIC2 antibody 013. Practical application for the study of thymic epithelial tumors. <a href="#">Am J Surg Pathol. 19 (10): 1115-23.</a></li> <li>3. Pe'er, J. (2007) Solitary Fibrous Tumor of the Conjunctiva <a href="#">Archives of Ophthalmology. 125 (3): 423.</a></li> </ol>
<b>Storage</b>	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.
<b>Shelf Life</b>	Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight@488</a> , <a href="#">DyLight@549</a> , <a href="#">DyLight@649</a> , <a href="#">DyLight@680</a> , <a href="#">DyLight@800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight@800</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Human Anti Mouse IgG1 (HCA036...)	<a href="#">HRP</a>

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