

Datasheet: 0100-0076

**BATCH NUMBER 290115**

<b>Description:</b>	MOUSE ANTI BOVINE DYNEIN CYTOPLASMIC 74kDa
<b>Specificity:</b>	DYNEIN CYTOPLASMIC 74kDa
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	74.1
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/10 - 1/100
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting	▪			1/1000 - 1/5000

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>	Bovine
<b>Species Cross Reactivity</b>	<p>Reacts with: Fish, Mouse, Drosophila, Xenopus, Rat, Sheep</p> <p>Does not react with: Invertebrates</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Native cytoplasmic dynein from bovine brain.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q0III3</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">526329</a>    DYNC1I2    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_619952
<b>Specificity</b>	<p><b>Mouse anti Bovine dynein cytoplasmic 74 kDa antibody, clone 74.1</b>&gt; reacts with all known forms of the 74 kDa intermediate chain subunit of mammalian cytoplasmic dynein. The antigenic site has been localized to the first 60 amino acids of the N-terminal portion of the molecule.</p> <p>Mouse anti Bovine dynein cytoplasmic 74 kDa antibody, clone 74.1 immunoprecipitates the intermediate chain subunits under denaturing conditions and the entire dynein complex under native conditions.</p>
<b>Histology Positive Control Tissue</b>	Cultured MDCK cells, NRR cells, N1E cells and PTK-1 cells.
<b>Storage</b>	<p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/0100-0076">https://www.bio-rad-antibodies.com/SDS/0100-0076</a>  10040</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)    [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)  
Goat Anti Mouse IgG (STAR76...) [RPE](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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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://bio-rad-antibodies.com/datasheets)  
'M362717:200528'

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