

Datasheet: 0100-0076

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| Description: | MOUSE ANTI BOVINE DYNEIN CYTOPLASMIC 74kDa |
| Specificity: | DYNEIN CYTOPLASMIC 74kDa |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | 74.1 |
| Isotype: | IgG2b |
| Quantity: | 0.1 mg |

Product Details

RRID AB_619952

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 |
|----------------------------|-----|----|----------------|--------------------|
| 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.

Target Species Bovine

Species Cross Reactivity Reacts with: Fish, Mouse, Drosophila, Xenopus, Rat, Sheep
Does not react with: Invertebrates
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Native cytoplasmic dynein from bovine brain.

External Database Links

UniProt:

[Q0III3](#) [Related reagents](#)

Entrez Gene:

[526329](#) DYNC1I2 [Related reagents](#)

Specificity

Mouse anti Bovine dynein cytoplasmic 74 kDa antibody, clone 74.1> 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.

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.

Histology Positive Control Tissue

Cultured MDCK cells, NRR cells, N1E cells and PTK-1 cells.

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.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Human Anti Mouse IgG2b (HCA038...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),
[DyLight@800](#), [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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