

Datasheet: 0100-0076

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

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.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	■			1/10 - 1/100
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 the 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	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Native cytoplasmic dynein from bovine brain
External Database Links	UniProt: Q0III3 DC1I2_BOVIN Related reagents Entrez Gene: 526329 DYNC1I2 Related reagents

Specificity 0100-0076 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.

This antibody precipitates the intermediate chain subunits under denaturing conditions and the entire dynein complex

under native conditions.

Histology Positive Control Tissue	Reacts with 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10040 available at: http://www.abdserotec.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
HuCAL Anti Mouse IgG2b (HCA038...)	FITC , HRP , RPE
Rabbit Anti Mouse IgG (STAR9...)	FITC
Rabbit Anti Mouse IgG (STAR12...)	RPE
Sheep Anti Mouse IgG (H/L) (AAC10...)	Biotin , FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP

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