Datasheet for ABIN7538842

anti-Dystroglycan antibody (C-Term)

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Overview

Quantity:	1 mL
Target:	Dystroglycan (DAG1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Dystroglycan antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Lyophilized Mouse Monoclonal Antibody Beta-Dystroglycan
Immunogen:	Synthetic peptide containing 15 of the last 16 amino acids at the extreme C-terminus of the human beta-dystroglycan sequence (PKNMTPYRSPPPYVP-PCOOH).
Clone:	43DAG1-8D5
Isotype:	IgG2a
Specificity:	Human beta-dystroglycan (43 kD). Also crossreacts strongly with beta-dystroglycan in sections of mouse, rat, rabbit, dog and chicken, hamster and toad muscle. Other animal species not tested.
Characteristics:	This product is intended for the qualitative identification by light microscopy of Beta-Dystroglycan by immunohistochemistry.

Product Details

Purification:	Tissue culture supernatant

Target Details

Target:	Dystroglycan (DAG1)
Alternative Name:	Beta-Dystroglycan (DAG1 Products)
Pathways:	Maintenance of Protein Location, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus

Application Details

Application Notes:	Immunohistochemistry on frozen sections. Suggested dilution: 1:50-1:200 for 60 minutes at 25°C. This is provided as a guide and users should determine their own optimal working dilutions.,Immunohistochemical (IHC) staining techniques allow for the visualization of antigens via the sequential application of a specific antibody to the antigen (primary antibody), a secondary antibody to the primary antibody and an enzyme complex with a chromogenic substrate with interposed washing steps. The enzymatic activation of the chromogen results in a visible reaction product at the antigen site. The specimen may then be counterstained and coverslipped. Results are interpreted using a light microscope.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label.
Concentration:	240 mg/L
Buffer:	This product is a lyophilized tissue culture supernatant containing sodium azide as a preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after

Handling

	expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.
Expiry Date:	12 months