

Datasheet: MCA6038

Description:	MOUSE ANTI VESICLE-FUSING ATPase
Specificity:	VESICLE-FUSING ATPase
Other names:	NSF
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	9G7-3
Isotype:	IgG2b
Quantity:	50 µg

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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			
Western Blotting	▪			1/1000

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

Human

Species Cross Reactivity

Reacts with: Rat, Bovine, Hamster, Monkey, Pig, Mouse, Rabbit, Sheep
N.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.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN₃)
 50% Glycerol

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant bovine vesicle-fusing ATPase
External Database Links	<p>UniProt: P46459 Related reagents</p> <p>Entrez Gene: 4905 NSF Related reagents</p>
Fusion Partners	Spleen cells from immunized Balb/c mice were fused with cells of the murine NS-1 myeloma.
Specificity	<p>Mouse anti vesicle-fusing ATPase antibody, clone 9G7-3 recognizes vesicle-fusing ATPase also known as NEM-sensitive fusion protein or NSF.</p> <p>Vesicle-fusing ATPase is a member of the hydrolase protein family, which play an essential role in vesicle-mediated transport. This enzyme acts within the Golgi cisternae by catalyzing the fusion of transport vesicles as well as delivering cargo proteins to all Golgi compartments. Vesicle-fusing ATPase is also essential for facilitating transport from the endoplasmic reticulum to the Golgi body itself.</p>
Western Blotting	Mouse anti vesicle-fusing ATPase recognizes a band of ~76 kDa by western blot
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

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

Recommended Negative Controls

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

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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
'M389678:210806'

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