

Datasheet: MCA6038

BATCH NUMBER 154649

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

0.09% Sodium Azide (NaN₃)

Stabilisers	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>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/MCA6038 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

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 (STAR13...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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

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