NSF monoclonal antibody (9G7-3)

N-ethylmaleimide-sensitive factor (NSF) is involved in a variety of membrane fusion events and plays a prominent role in synaptic vesicle fusion. In order to interact with target membranes, NSF requires another set of soluble proteins called Soluble NSF attachment proteins (SNAPs). Together with synaptotagmin and alpha-SNAP, NSF modulates the interaction of SNAP25, VAMP, and syntaxin in an ATP-dependent manner to form a 20S complex involved in synaptic vesicle docking and fusion.

This antibody is covered by our Worry-Free Guarantee.

Citations: 2 View Online »

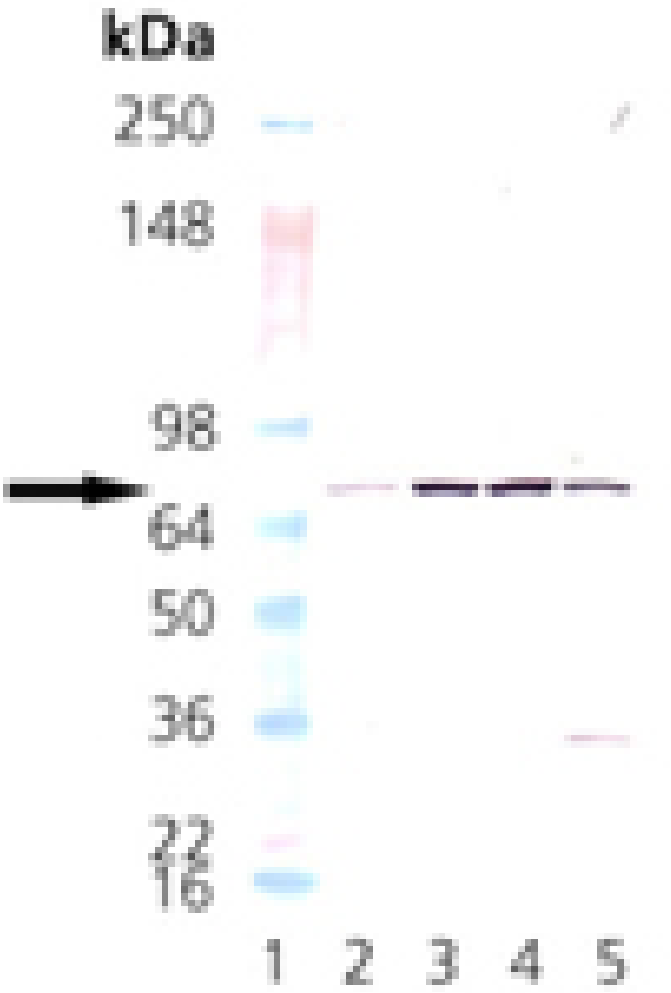
Ordering Information

Order Online »

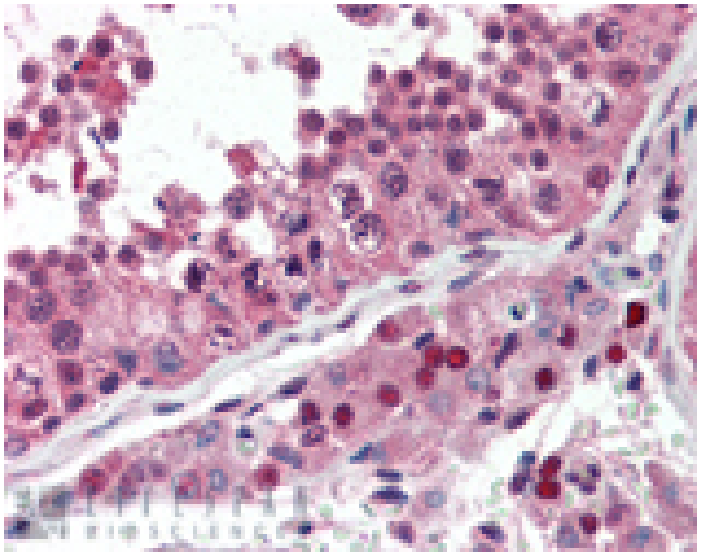
ADI-VAM-SV020-D	50µg

Manuals, SDS & CofA

View Online »



Western blot analysis: Lane 1: MW marker, Lane 2: HeLa (Heat Shocked), Lane 3: Vero, Lane 4: CHO-K1, Lane 5: ESK-4.



Immunohistochemistry analysis of human testis tissue stained with NSF, mAb (9G7-3) at 20µg/ml.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-Ethylmaleimide-sensitive fusion protein
Application	IHC (PS), WB
Application Notes	Detects a band of ~76kDa by Western blot.
Clone	9G7-3
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Host	Mouse
Immunogen	Recombinant bovine NSF.
Isotype	IgG2b
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from ascites.
Species Reactivity	Bovine, Chicken, Dog, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
UniProt ID	P46459 (human)

Worry-free Guarantee

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