GroEL (E. coli) monoclonal antibody (9A1/2)

GroEL and GroES are *E. coli* chaperonins, which are homologs of mitochondrial chaperonins Hsp60 and Hsp10. GroEL is a double toriodal assembly of 14 identical subunits which form two heptameric rings stacked back-to-back, with a cavity at each end. GroEL and its co-chaperonin GroES facilitate protein folding with an ATP-dependent mechanism.

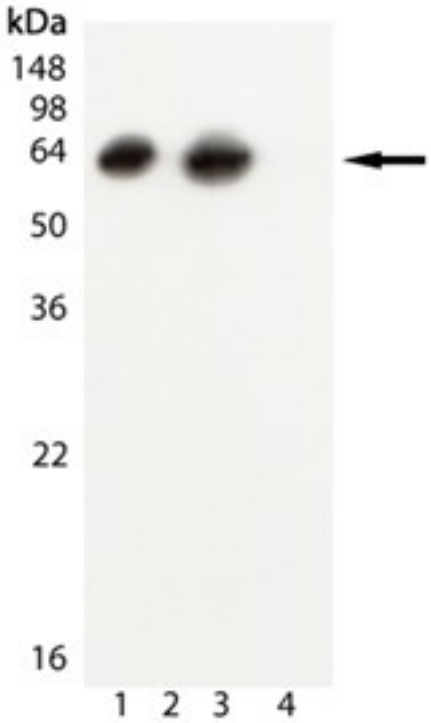
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ADI-SPS-870-D	50µg
ADI-SPS-870-F	200µg

Manuals, SDS & CofA View Online »



Western blot analysis of GroEL, mAb (9A1/2) (Prod. No. ADI-SPS-870): Lane 1: GroEL (E. coli) (rec) (Prod. No. ADI-SPP-610) Protein, Lane 2: HSP60 (Human) (rec) (negative control) (Prod. No. ADI-SPP-540), Lane 3: E. coli Lysate, Lane 4: HeLa Lysate, heat shocked (negative control) (Prod. No. ADI-LYC-HL101)

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	Chaperonin 60
Application	IP, WB
Application Notes	Detects a band of ~60kDa by Western blot.
Clone	9A1/2
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	X07899
Host	Mouse
Immunogen	E. coli GroEL.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:10,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from mouse ascites.
Species Reactivity	E. coli
UniProt ID	P0A6F5 (strain K12)

Worry-free Guarantee

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