Grp75/Mortalin monoclonal antibody (30A5)

Grp75 (Glucose regulated 75 kDa protein) is a member of the Hsp70 family. It is localized in the mitochondrial matrix, where, in concert with Hsp60, is thought to participate in the re-folding of proteins translocated into this organelle. Like its *E. coli* homolog DnaK, Grp75 possesses a cation-dependent ATPase activity thought to be central to its function as a chaperone.

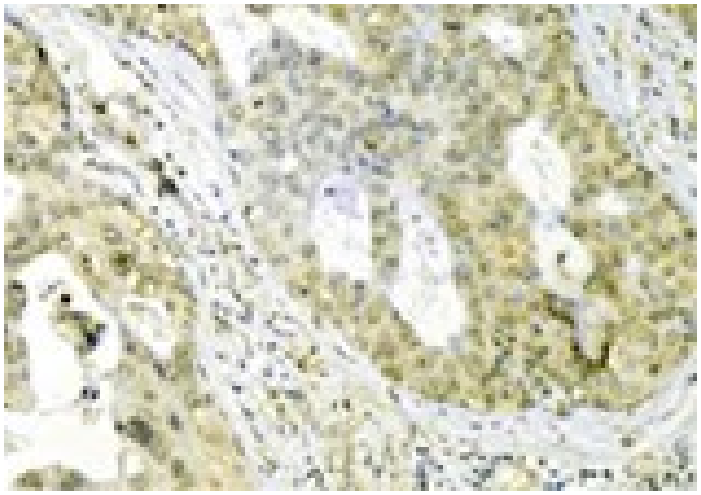
This antibody is covered by our Worry-Free Guarantee.

Citations: 5 View Online »

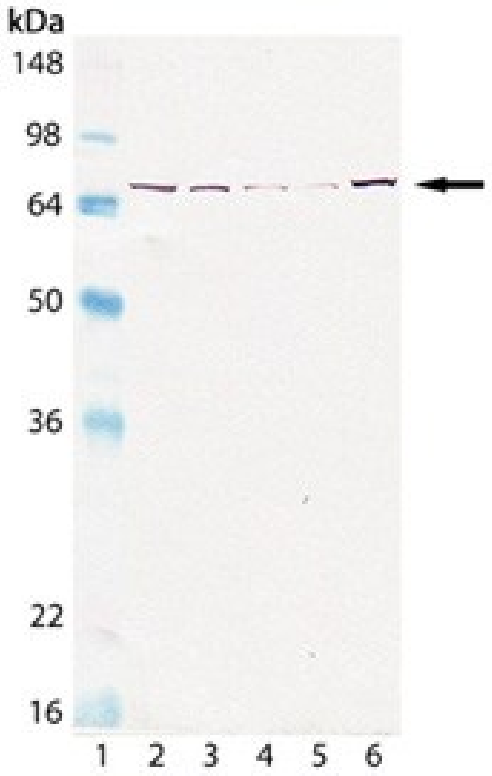
Ordering Information Order Online »

ADI-SPS-825-D	50µl
ADI-SPS-825-F	200µl

Manuals, SDS & CofA View Online »



Immunohistochemistry analysis of human breast cancer tissue immunohistochemically stained using Grp75 mAb (30A5).



Western blot analysis of Grp75/Mortalin, mAb (30A5) (Prod. no. ADI-SPS-825): Lane 1: MW marker; Lane 2: HeLa (heat shocked); Lane 3: L-929 (heat shocked); Lane 4: CHO -K1 (heat shocked); Lane 5: GPC-16 (heat shocked); Lane 6: PC-12 (heat shocked).

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	MtHsp70, Hsp70 (mitochondrial), HspA9
Application	IHC, WB
Application Notes	Detects a band of ~75kDa by Western blot.
Clone	30A5
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	L15189
Host	Mouse
Immunogen	Native human Grp75 (Mortalin).
Isotype	IgG1
Purity Detail	Ammonium sulfate precipitation purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (1:50)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 mouse ascites.
Species Reactivity	Bovine, Chicken, Dog, Drosophila, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep, Xenopus

UniProt ID P38646

Worry-free Guarantee **This antibody is covered by our Worry-Free Guarantee .**

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