



Catalog Number:	MO25012	Host:	Mouse
Product Type:	IgG ₁ kappa Clone: HS23	Species Reactivity:	Human, Rat, Mouse, Bovine, Chicken and Zebrafish
Immunogen Sequence:	N-terminal fragment of human 14-3-3 gamma.	Format:	0.1 ml Mouse ascites. Concentration of 6.8 mgs/ml.

Applications: Western blot-1:1,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

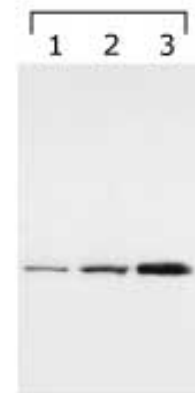
Application Notes

Reacts with the human form of intact, non-modified N-terminus 14-3-3 gamma. The naturally occurring form of 14-3-3 gamma in which the N-terminus Met is removed and the Val is acetylated is not recognized by this antibody. Other species have not been tested.

Description/Data:

14-3-3 proteins are present as multigene families in most organisms. Signal-induced phosphorylation has the ability to change protein function. Sometimes, however, phosphorylation is not enough to change a protein's function. 14-3-3 proteins play an important role of bringing signal transduction to completion. They regulate many cellular processes that are important in cancer biology, such as apoptosis and cell-cycle checkpoints.

Image: WB Analysis. HeLa whole cell lysate.



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