

14-3-3 gamma Rabbit mAb

Catalog No: #49205



Package Size: #49205-1 50ul #49205-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

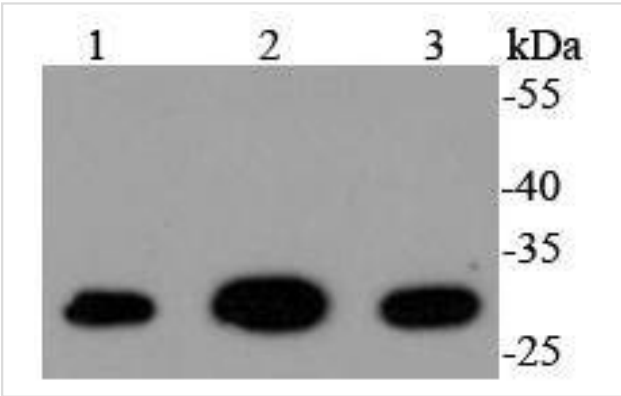
Description

Product Name	14-3-3 gamma Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD20-65
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	14 3 3 gamma antibody 14 3 3 protein gamma antibody 14 3 3 protein gamma subtype antibody 14 3 3gamma antibody 14-3-3 protein gamma antibody 1433G_HUMAN antibody 3 monooxygenase/tryptophan 5 monooxygenase activation protein gamma polypeptide antibody KCIP 1 antibody KCIP-1 antibody KCIP1 antibody N-terminally processed antibody Protein kinase C inhibitor protein 1 antibody Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein gamma polypeptide antibody Ywhag antibody
Accession No.	Swiss-Prot#:P61981
Uniprot	P61981
GeneID	7532;
Calculated MW	28 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

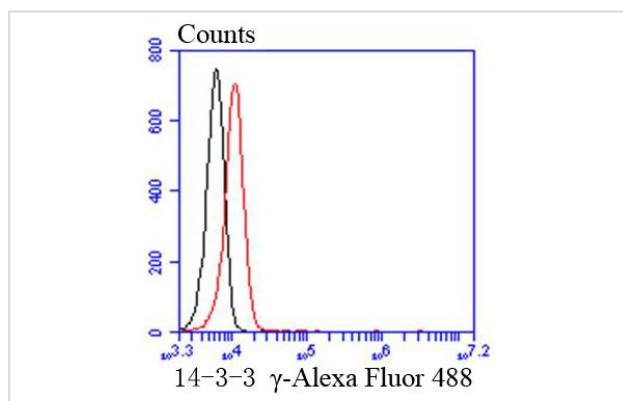
Application Details

WB: 1:1,000-1:2,000 FC: 1:10-1:50

Images



Western blot analysis of 14-3-3 gamma on different lysates using anti-14-3-3 gamma antibody at 1/1,000 dilution. Positive control: Lane 1: 293T Lane 2: A431 Lane 3: Hela



Flow cytometric analysis of K562 cells with 14-3-3 gamma antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the

## Background

14-3-3 proteins regulate many cellular processes relevant to cancer biology, notably apoptosis, mitogenic signaling and cell-cycle checkpoints. Seven isoforms comprise this family of signaling intermediates, denoted 14-3-3 b, g, e, z, h, q and s. 14-3-3 proteins form dimers that present two binding sites for ligand proteins, thereby bringing together two proteins that may not otherwise associate. These ligands largely share a 14-3-3 consensus binding motif and exhibit serine/threonine phosphorylation. 14-3-3 proteins function in broad regulation of these ligand proteins; by cytoplasmic sequestration, occupation of interaction domains and import/export sequences, prevention of degradation, activation/repression of enzymatic activity, and facilitation of protein modification. Loss of expression contributes to a vast array of pathogenic cellular activities.

## References

Note: This product is for in vitro research use only