

14-3-3 epsilon Rabbit mAb

Catalog No: #49216

Package Size: #49216-1 50ul #49216-2 100ul



SAB[®]
Signalway Antibody

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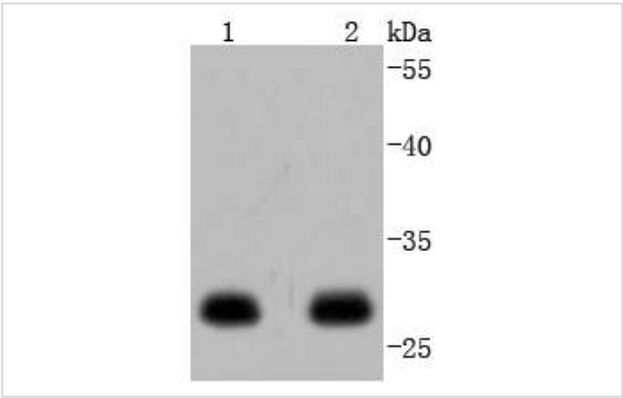
Description

Product Name	14-3-3 epsilon Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JJ08-40
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	14 3 3 E antibody 14 3 3 epsilon antibody 14 3 3E antibody 14-3-3 protein epsilon antibody 14-3-3E antibody 1433E_HUMAN antibody Epididymis luminal protein 2 antibody FLJ45465 antibody FLJ53559 antibody HEL2 antibody KCIP 1 antibody KCIP1 antibody MDCR antibody MDS antibody Mitochondrial import stimulation factor L subunit antibody Protein kinase C inhibitor protein1 antibody Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, epsilon antibody Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, epsilon polypeptide antibody Tyrosine 3/tryptophan 5 monooxygenase activation protein epsilon polypeptide antibody YWHAE antibody
Accession No.	Swiss-Prot#:P62258
Calculated MW	29 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

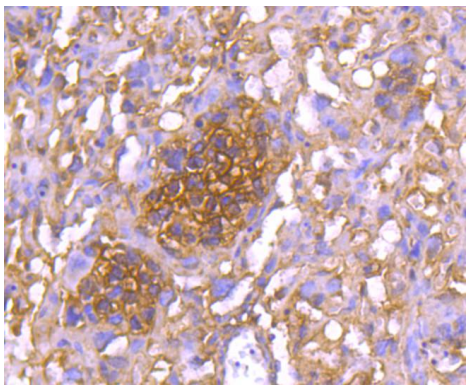
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:10-1:100

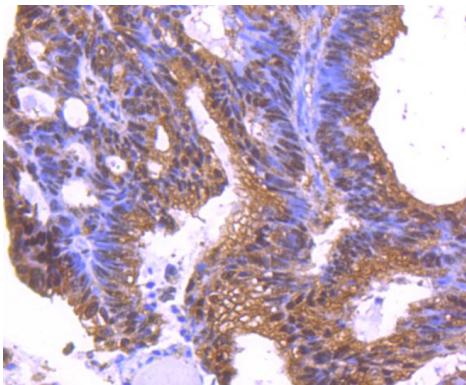
Images



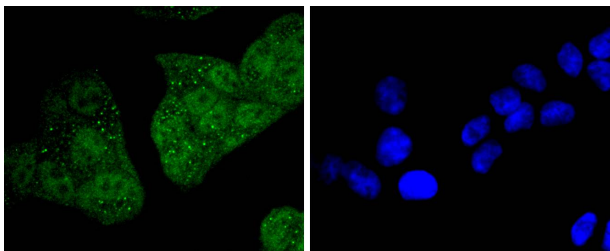
Western blot analysis of 14-3-3 epsilon on different lysates using anti-14-3-3 epsilon antibody at 1/1,000 dilution. Positive control: Lane 1: SH-SY-5Y Lane 2: 293T



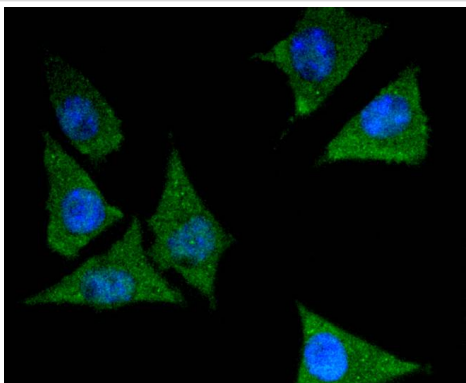
Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-14-3-3 epsilon antibody. Counter stained with hematoxylin.



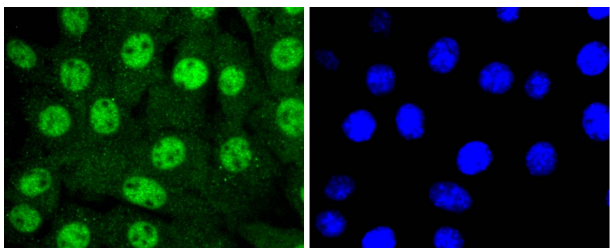
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-14-3-3 epsilon antibody. Counter stained with hematoxylin.



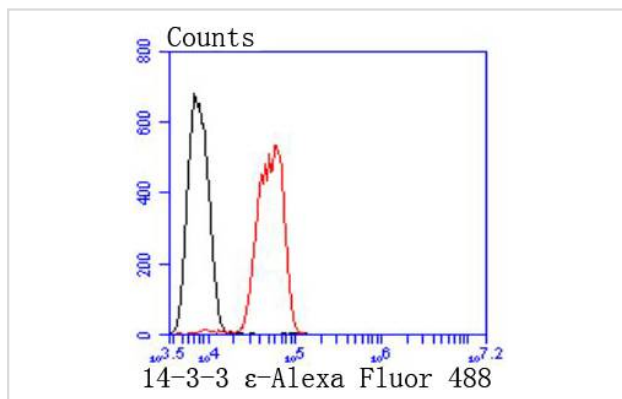
ICC staining 14-3-3 epsilon in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining 14-3-3 epsilon in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining 14-3-3 epsilon in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of SH-SY-5Y cells with 14-3-3 epsilon 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 secondary antibody.

Background

The 14-3-3 family of proteins plays a key regulatory role in signal transduction, checkpoint control, apoptotic and nutrient-sensing pathways. 14-3-3 proteins are highly conserved and ubiquitously expressed. There are at least seven isoforms, β , γ , ϵ , ζ , and η that have been identified in mammals. The 14-3-3 epsilon, a subtype of the 14-3-3 family of proteins, was thought to be brain and neuron-specific. It has been shown to interact with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.