# Phospho-Creb (S133) Rabbit mAb

Catalog No: #13435

Package Size: #13435-1 50ul #13435-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

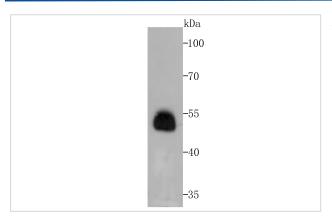
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Product Name	Phospho-Creb (S133) Rabbit mAb	
Host Species	Rabbit	
Clonality	Monoclonal	
Clone No.	JB25-40	
Purification	ProA affinity purified	
Applications	WB,ICC,IF,IHC,IP,FC	
Species Reactivity	Hu, Ms	
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser133 of human Creb.	
Other Names	Active transcription factor CREB antibody cAMP response element binding protein 1 antibody cAMP	
	response element binding protein antibody cAMP responsive element binding protein 1 antibody	
	cAMP-responsive element-binding protein 1 antibody CREB antibody CREB-1 antibody CREB1 antibody	
	CREB1_HUMAN antibody Cyclic AMP-responsive element-binding protein 1 antibody MGC9284 antibody	
	OTTHUMP00000163864 antibody OTTHUMP00000163865 antibody OTTHUMP00000206660 antibody	
	OTTHUMP00000206662 antibody OTTHUMP00000206667 antibody Transactivator protein antibody	
Accession No.	Swiss-Prot#:P16220	
Uniprot	P16220	
GeneID	1385;	
Calculated MW	Predicted band size 37 kDa	
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	
Storage	Store at -20°C	

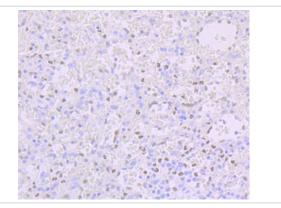
### **Application Details**

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:100IP: 1:10-1:50FC: 1:50-1:100

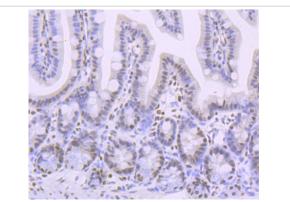
## **Images**



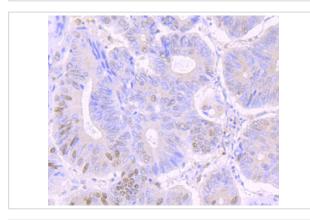
Western blot analysis of Phospho-Creb (S133) on human colon tissue lysates using anti-Phospho-Creb (S133) antibody at 1/500 dilution.



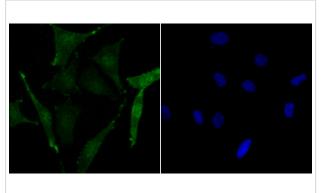
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Phospho-Creb (S133) antibody. Counter stained with hematoxylin.



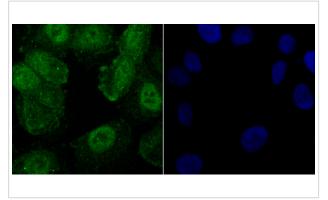
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Phospho-Creb (S133) antibody. Counter stained with hematoxylin.



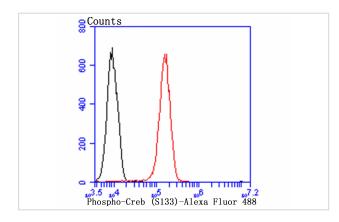
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Phospho-Creb (S133) antibody. Counter stained with hematoxylin.



ICC staining Phospho-Creb (S133) 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 Phospho-Creb (S133) in HUVEC 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 HUVEC cells with Phospho-Creb (S133) antibody at 1/100 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

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

### References

Note: This product is for in vitro research use only