

EGR2 Rabbit mAb

Catalog No: #49927

Package Size: #49927-1 50ul #49927-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

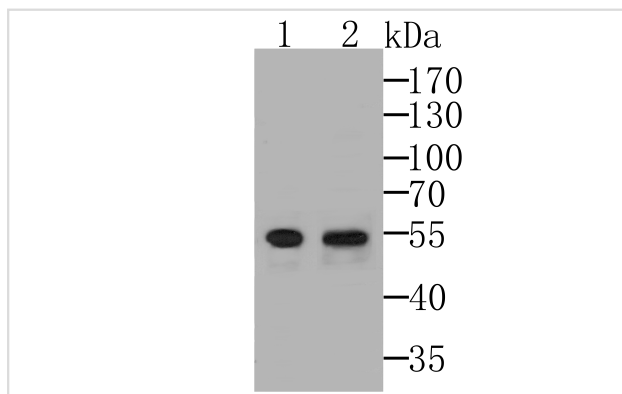
Description

Product Name	EGR2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG78-39
Purification	ProA affinity purified
Applications	WB,FC
Species Reactivity	Hu, Ms, Rt
Other Names	AT591 antibody CMT1D antibody CMT4E antibody DKFZp686J1957 antibody E3 SUMO-protein ligase EGR2 antibody Early growth response 2 antibody Early growth response protein 2 antibody EGR-2 antibody egr2 antibody EGR2_HUMAN antibody FLJ14547 antibody KROX 20 Drosophila homolog antibody Krox 20 homolog Drosophila antibody KROX-20, Drosophila, homolog (early growth response-2) antibody KROX20 antibody Krox20 protein antibody Zinc finger protein Krox-20 antibody
Accession No.	Swiss-Prot#:P11161
Uniprot	P11161
GeneID	1959;
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

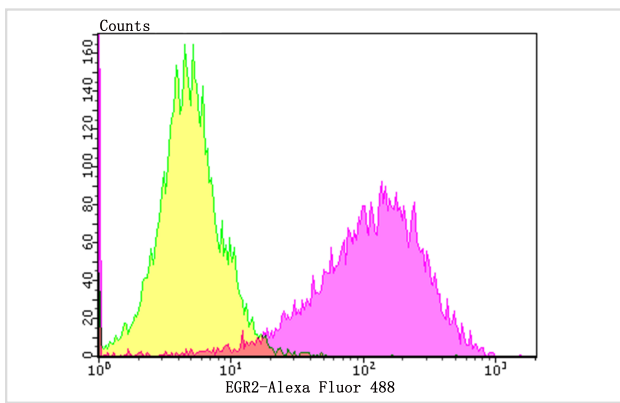
Application Details

WB: 1:500-1:1,000FC: 1:50-1:100

Images



Western blot analysis of EGR2 on MCF-7 and SH-SY-5Y cell lysates using anti-EGR2 at 1/500 dilution.



Flow cytometric analysis of SH-SY-5Y cells with EGR2 antibody at 1/50 dilution (Fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; Yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. Binds to two specific DNA sites located in the promoter region of HOXA4. E3 SUMO-protein ligase helping SUMO1 conjugation to its coregulators NAB1 and NAB2, whose sumoylation down-regulates EGR2 own transcriptional activity. Defects in this gene are associated with Charcot-Marie-Tooth disease type 1D (CMT1D), Charcot-Marie-Tooth disease type 4E (CMT4E), and with Dejerine-Sottas syndrome (DSS). Multiple transcript variants encoding two different isoforms have been found for this gene.

References

Note: This product is for in vitro research use only