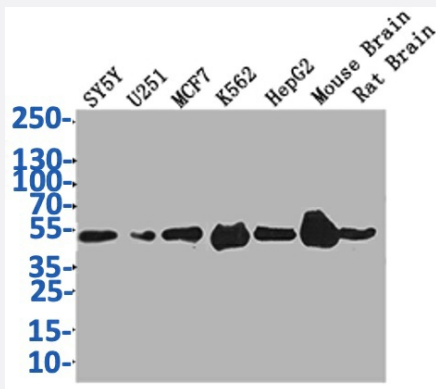


RecomAb™

EGR2 recombinant monoclonal antibody, clone 27C3

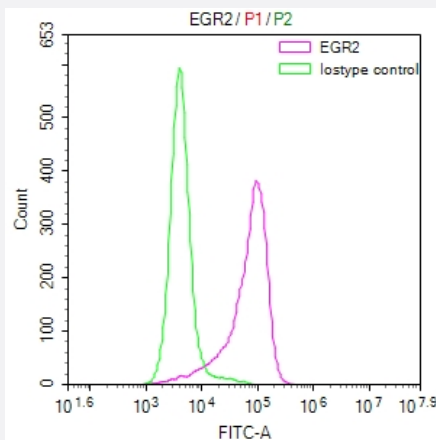
Catalog # RAB07699 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: SY5Y whole cell lysate; Lane 2: U251 whole cell lysate; Lane3: MCF-7 whole cell lysate; Lane 4: K562 whole cell lysate; Lane 5: Mouse Brain tissue lysate; Lane 6: Mouse Brain tissue lysate.



Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with EGR2 recombinant monoclonal antibody, clone 27C3 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human and mouse EGR2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human EGR2.
Reactivity	Human, Mouse

Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: SY5Y whole cell lysate; Lane 2: U251 whole cell lysate; Lane3: MCF-7 whole cell lysate; Lane 4: K562 whole cell lysate; Lane 5: Mouse Brain tissue lysate; Lane 6: Mouse Brain tissue lysate.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with EGR2 recombinant monoclonal antibody, clone 27C3 (red line) at 1:50.

Gene Info — EGR2

Entrez GeneID	1959
Protein Accession#	P11161
Gene Name	EGR2
Gene Alias	AT591, CMT1D, CMT4E, DKFZp686J1957, FLJ14547, KROX20
Gene Description	early growth response 2 (Krox-20 homolog, Drosophila)
Omim ID	129010 145900 605253 607678
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc finger s. 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. [provided by RefSeq]

Other Designations

KROX-20, Drosophila, homolog (early growth response-2)|Krox-20 homolog|OTTHUMP00000062133|early growth response 2 protein

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Central Nervous System Demyelinating Diseases](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Scoliosis](#)