

Product datasheet for **TA505319AM**

EGR2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1F10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F10
Applications:	IF, WB
Recommended Dilution:	WB 1:500, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 156-476 of human EGR2(NP_000390) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50.1 kDa
Gene Name:	early growth response 2
Database Link:	NP_000390 Entrez Gene 13654 Mouse Entrez Gene 114090 Rat Entrez Gene 1959 Human P11161
Background:	The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. 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, Oct 2008]

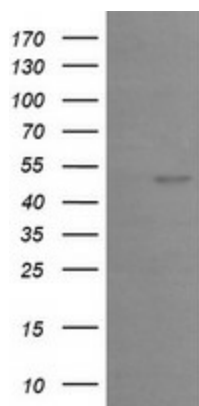


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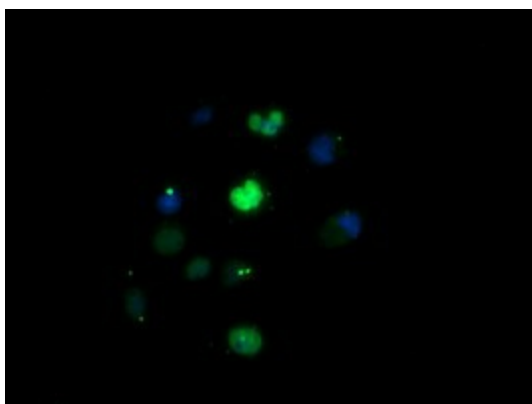
Synonyms: AT591; CMT1D; CMT4E; KROX20

Protein Families: Druggable Genome, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EGR2 ([RC212183], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EGR2. Positive lysates [LY424742] (100ug) and [LC424742] (20ug) can be purchased separately from OriGene.



Anti-EGR2 mouse monoclonal antibody ([TA505319]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY EGR2 ([RC212183]).