

Product datasheet for TA505319S

OriGene Technologies, Inc.

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EGR2 Mouse Monoclonal Antibody [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: 1 mg/ml

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

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 MouseEntrez Gene 114090 RatEntrez Gene 1959 Human

<u>P11161</u>

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]

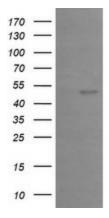




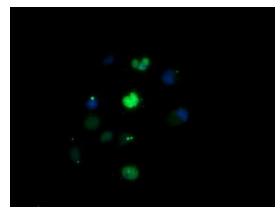
Synonyms: AT591; CMT1D; CMT4E; KROX20

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]).