

## Product datasheet for TA811779BM

#### OriGene Technologies, Inc.

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### EIF4E3 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2B9]

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI2B9
Applications: WB

Recommended Dilution: WB 1:500~2000

**Reactivity:** Human, Rat, Mouse

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

**Immunogen:** Full length human recombinant protein of human EIF4E3 (NP\_775495) produced in E.coli.

**Formulation:** PBS (pH 7.3) containing 1% BSA, 50% glycerol.

**Concentration:** 0.5 mg/ml

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

(protein A/G)

Conjugation: HRP

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 13.2 kDa

**Gene Name:** eukaryotic translation initiation factor 4E family member 3

Database Link: NP 775495

Entrez Gene 66892 MouseEntrez Gene 297481 RatEntrez Gene 317649 Human

Q8N5X7

Background: EIF4E3 belongs to the EIF4E family of translational initiation factors that interact with the 5-

prime cap structure of mRNA and recruit mRNA to the ribosome (Joshi et al., 2004 [PubMed

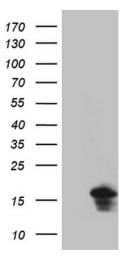
15153109]). [supplied by OMIM, Mar 2008]

**Synonyms:** eIF-4E3; eIF4E-3

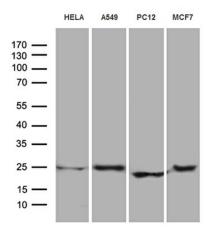




# **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY EIF4E3 (Cat# [RC209694], 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-EIF4E3 (Cat# [TA811779])(1:2000). Positive lysates [LY406613] (100ug) and [LC406613] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 4 different cell lines by using anti-EIF4E3 monoclonal antibody (1:500).