

Product datasheet for CF805954

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

MARK3 Mouse Monoclonal Antibody [Clone ID: OTI4A3]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI4A3
Applications: WB

Recommended Dilution: WB 1:2000

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Human recombinant protein fragment corresponding to amino acids 473-729 of human

MARK3(NP_002367) produced in E.coli.

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

Reconstitution Method: For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

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: 81.3 kDa

Gene Name: microtubule affinity regulating kinase 3

Database Link: NP 002367

Entrez Gene 17169 MouseEntrez Gene 170577 RatEntrez Gene 4140 Human

P27448

Background: The protein encoded by this gene is activated by phosphorylation and in turn is involved in

the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

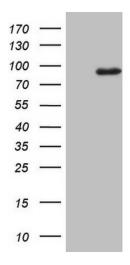




Synonyms: CTAK1; KP78; Par-1a; PAR1A

Protein Families: Druggable Genome, Protein Kinase

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MARK3 ([RC205758], 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-MARK3. Positive lysates [LY400851] (100ug) and [LC400851] (20ug) can be purchased separately from OriGene.