

Product datasheet for **TA501209**

EMG1 Mouse Monoclonal Antibody [Clone ID: OTI1B8]

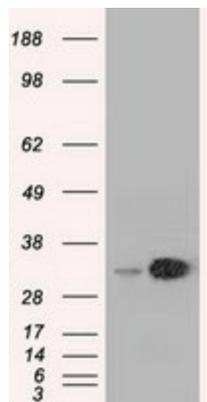
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B8
Applications:	FC, IF, WB
Recommend Dilution:	WB 1:1000~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey, Dog
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human EMG1(NP_006322) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.97 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	26.5 kDa
Gene Name:	EMG1 N1-specific pseudouridine methyltransferase
Database Link:	NP_006322 Entrez Gene 477708 DogEntrez Gene 722122 MonkeyEntrez Gene 10436 Human
Background:	This gene encodes an essential, conserved eukaryotic protein involved in ribosome biogenesis. In yeast, the related protein is a component of the small subunit processome and is essential for biogenesis of the ribosomal 40S subunit. A mutation in this gene has been associated with Bowen-Conradi syndrome. COMPLETENESS: complete on the 3' end.
Synonyms:	C2F; Grcc2f; NEP1

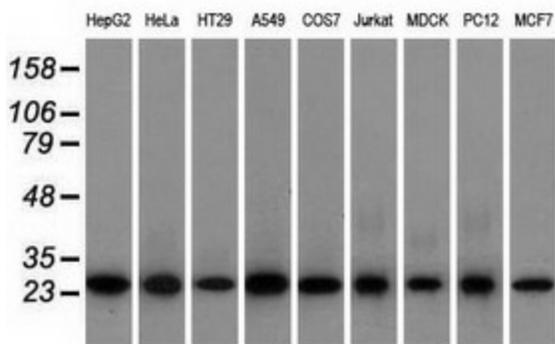


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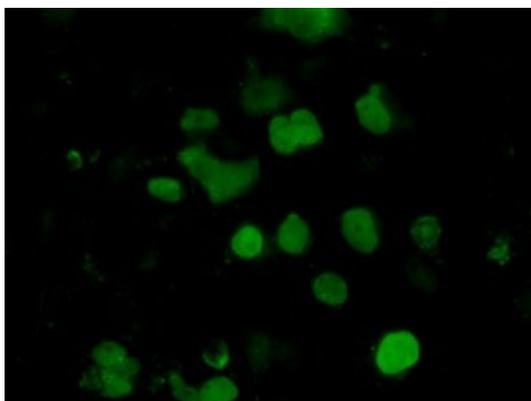
Product images:



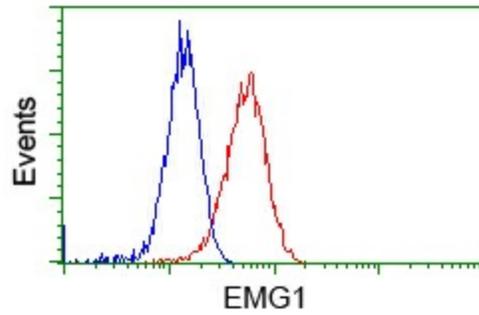
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EMG1 ([RC208885], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EMG1. Positive lysates [LY401906] (100ug) and [LC401906] (20ug) can be purchased separately from OriGene.



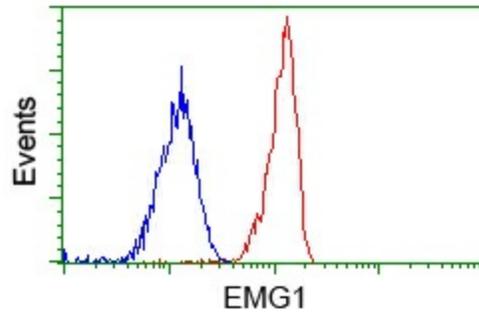
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-EMG1 monoclonal antibody.



Anti-EMG1 mouse monoclonal antibody (TA501209) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY EMG1 ([RC208885]).



Flow cytometric Analysis of HeLa cells, using anti-EMG1 antibody (TA501209), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-EMG1 antibody (TA501209), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).