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

Product datasheet for TA800378AM

SEN1 (MORF4) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5F2]

Product data:

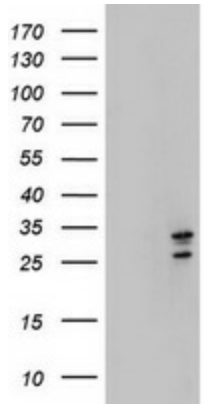
Product Type:	Primary Antibodies
Clone Name:	OTI5F2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-255 of human MORF4 (NP_006783) 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:	26.6 kDa
Gene Name:	mortality factor 4 (pseudogene)
Database Link:	NP_006783 Entrez Gene 10934 Human
Background:	Cellular senescence, the terminal nondividing state that normal cells enter following completion of their proliferative potential, is the dominant phenotype in hybrids of normal and immortal cells. Fusions of immortal human cell lines with each other have led to their assignment to 1 of several complementation groups. MORF4 is a gene on chromosome 4 that induces a senescent-like phenotype in cell lines assigned to complementation group B. [supplied by OMIM]

View online »

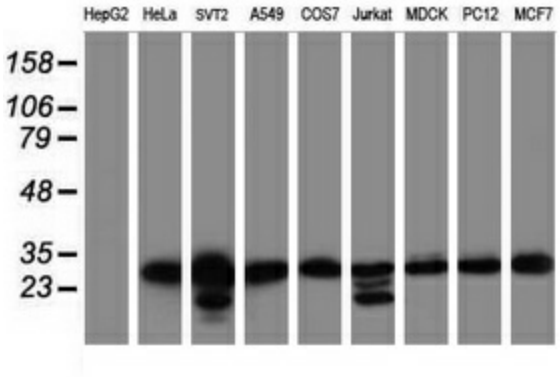
Synonyms: CSR; CSRB; mortality factor 4; SEN; SEN1; senescence (cellular)-related 1; senescence-related, cellular, 1

Protein Families: Transcription Factors

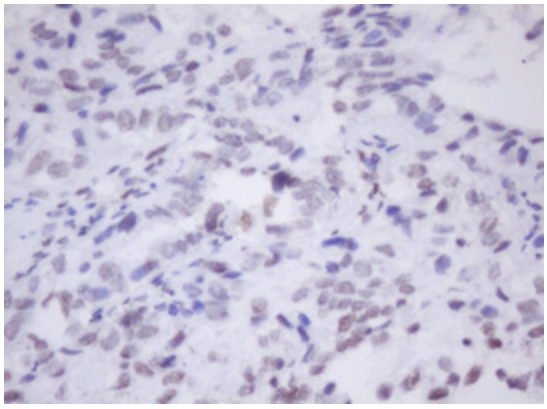
Product images:



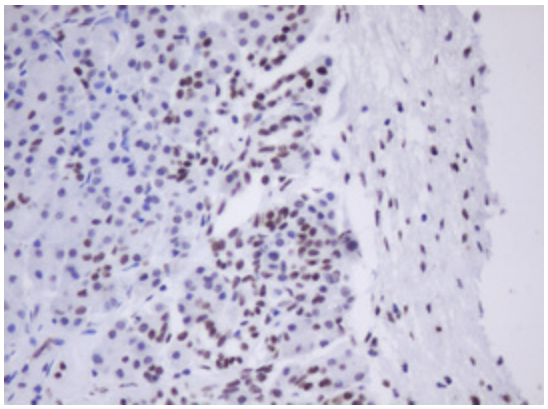
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MORF4 (Cat# [RC217344], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MORF4(Cat# [TA800378]).



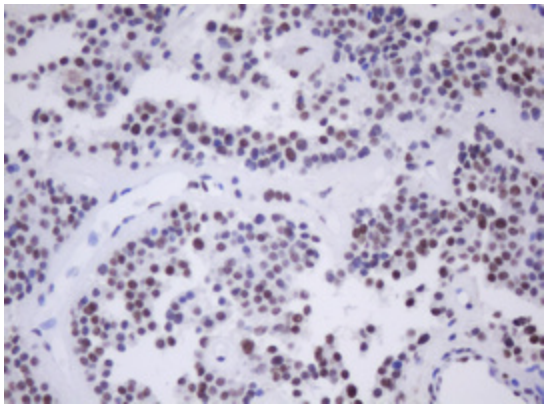
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MORF4 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



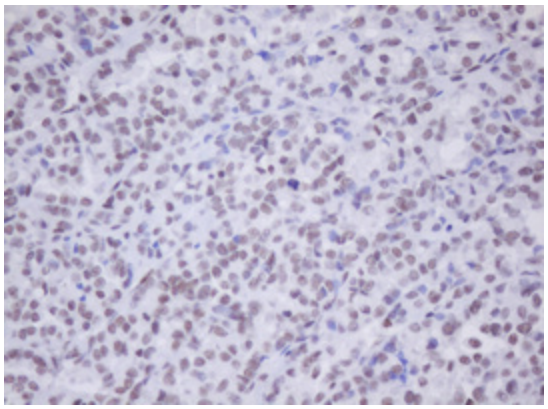
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MORF4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800378])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MORF4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800378])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-MORF4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800378])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-MORF4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800378])