

Product datasheet for TA800421

Mitochondrial Translational Initiation Factor 3 (MTIF3) Mouse Monoclonal Antibody [Clone ID: OTI1E8]

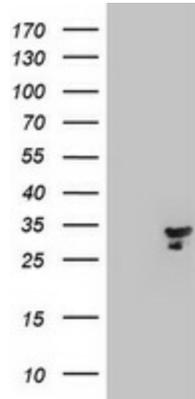
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1E8
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Monkey, Mouse, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 56-278 of human MTIF3 (NP_690876) 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)
Predicted Protein Size:	31.5 kDa
Gene Name:	mitochondrial translational initiation factor 3
Database Link:	NP_690876 Entrez Gene 76366 Mouse Entrez Gene 477328 Dog Entrez Gene 710571 Monkey Entrez Gene 219402 Human
Background:	This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Oct 2009]
Synonyms:	IF3mt

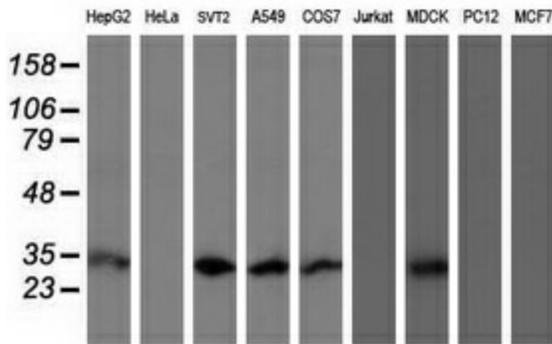


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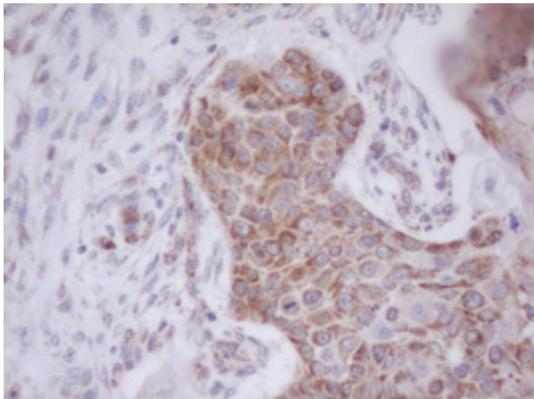
Product images:



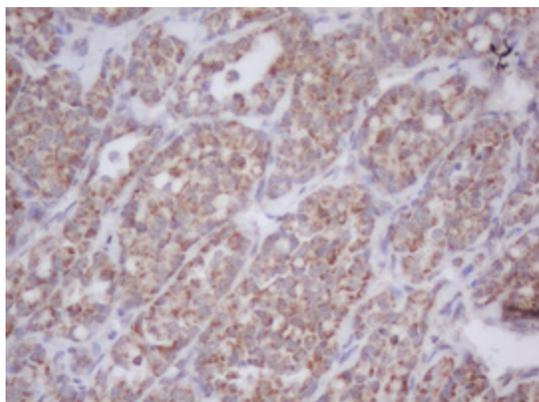
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MTIF3 ([RC208533], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MTIF3. Positive lysates [LY407210] (100ug) and [LC407210] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MTIF3 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 Carcinoma of Human lung tissue using anti-MTIF3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800421)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-MTIF3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800421)