

Product datasheet for **TA807775AM**

Midkine (MDK) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OT18C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT18C6
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 21-143 of human MDK(NP_001012334) 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:	15.4 kDa
Gene Name:	midkine (neurite growth-promoting factor 2)
Database Link:	NP_001012334 Entrez Gene 17242 Mouse Entrez Gene 81517 Rat Entrez Gene 4192 Human P21741
Background:	This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul

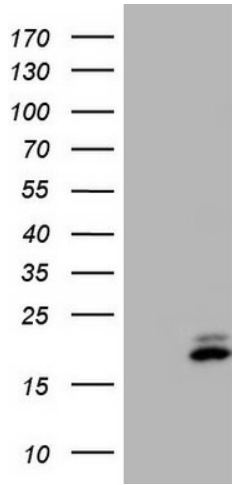


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Synonyms: ARAP; MK; NEGF2

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MDK ([RC221818], 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-MDK (1:2000). Positive lysates [LY425316] (100ug) and [LC425316] (20ug) can be purchased separately from OriGene.