

## Product datasheet for **TA501847AM**

### **MICAL1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4D1]**

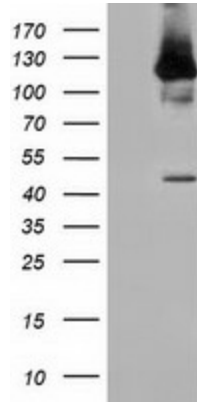
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4D1
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:500, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human MICAL1 (NP_073602) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	117.7 kDa
<b>Gene Name:</b>	microtubule associated monooxygenase, calponin and LIM domain containing 1
<b>Database Link:</b>	<a href="#">NP_073602</a> <a href="#">Entrez Gene 64780 Human</a> <a href="#">Q8TDZ2</a>
<b>Background:</b>	May be a cytoskeletal regulator that connects NEDD9 to intermediate filaments
<b>Synonyms:</b>	MICAL; MICAL-1; NICAL

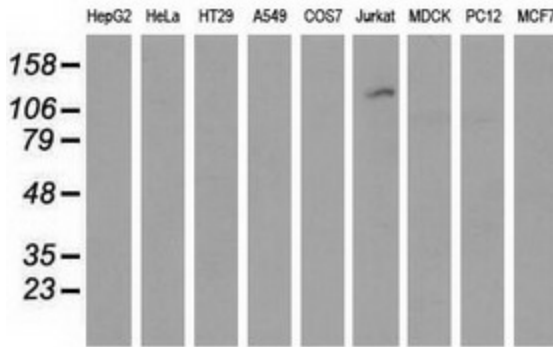


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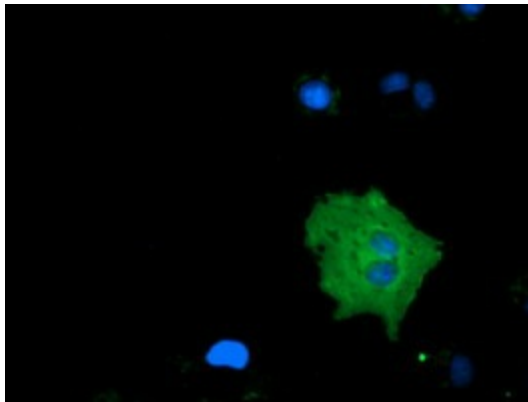
**Product images:**



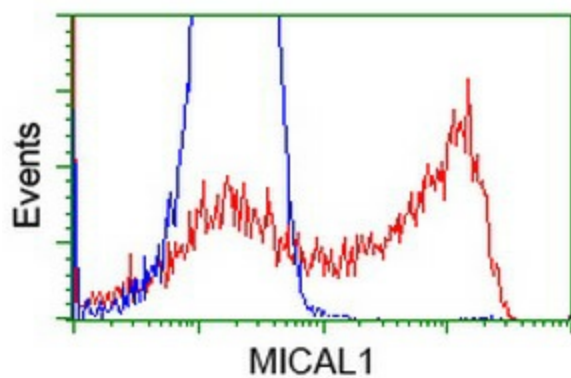
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MICAL1 ([RC208308], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MICAL1. Positive lysates [LY402940] (100ug) and [LC402940] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MICAL1 monoclonal antibody.



Anti-MICAL1 mouse monoclonal antibody ([TA501847]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MICAL1 ([RC208308]).



HEK293T cells transfected with either [RC208308] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MICAL1 antibody ([TA501847]), and then analyzed by flow cytometry.