

## Product datasheet for **TA502623**

### **RTN4IP1 Mouse Monoclonal Antibody [Clone ID: OTI2A9]**

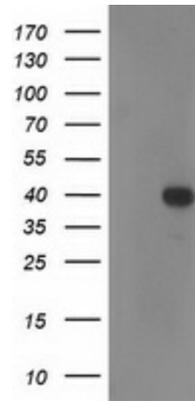
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2A9
<b>Applications:</b>	FC, WB
<b>Recommend Dilution:</b>	WB 1:2000, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human RTN4IP1 (NP_116119) produced in E.coli.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.57 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	38.9 kDa
<b>Gene Name:</b>	reticulon 4 interacting protein 1
<b>Database Link:</b>	<a href="#">NP_116119</a> <a href="#">Entrez Gene 84816</a> <a href="#">Human</a>
<b>Background:</b>	This gene encodes a novel mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. The interaction of reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon-induced inhibition of neurite growth. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.
<b>Synonyms:</b>	NIMP; OPA10
<b>Protein Families:</b>	Druggable Genome

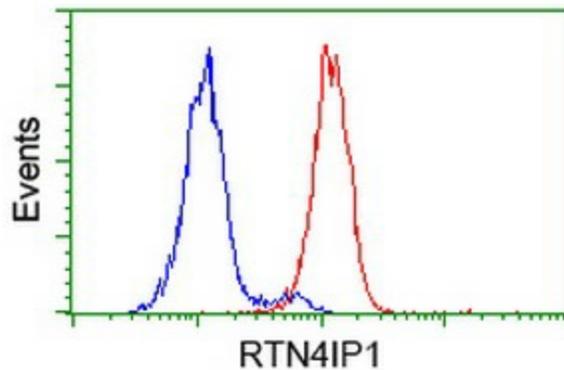


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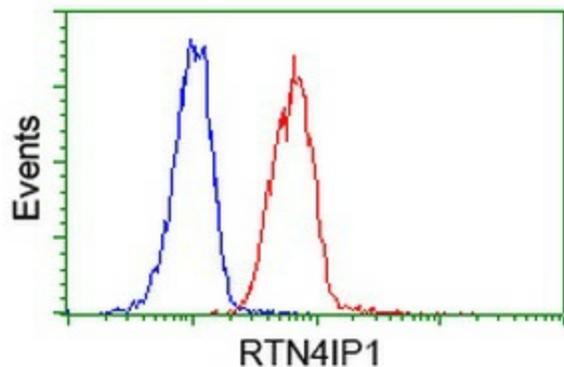
## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RTN4IP1 ([RC202957], 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-RTN4IP1. Positive lysates [LY409966] (100ug) and [LC409966] (20ug) can be purchased separately from OriGene.



Flow cytometric Analysis of HeLa cells, using anti-RTN4IP1 antibody (TA502623), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-RTN4IP1 antibody (TA502623), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).