

Product datasheet for **TA502545**

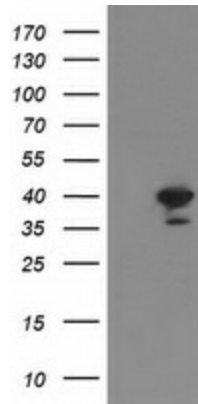
RTN4IP1 Mouse Monoclonal Antibody [Clone ID: OTI1E1]

Product data:

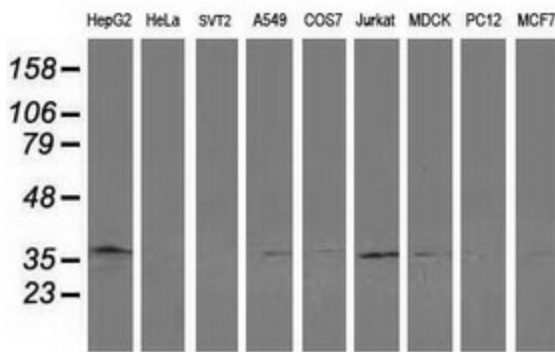
Product Type:	Primary Antibodies
Clone Name:	OTI1E1
Applications:	FC, WB
Recommended Dilution:	WB 1:500~2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RTN4IP1 (NP_116119) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.65 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38.9 kDa
Gene Name:	reticulon 4 interacting protein 1
Database Link:	NP_116119 Entrez Gene 170728 Mouse Entrez Gene 309912 Rat Entrez Gene 84816 Human Q8WWV3
Background:	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.
Synonyms:	NIMP; OPA10
Protein Families:	Druggable Genome



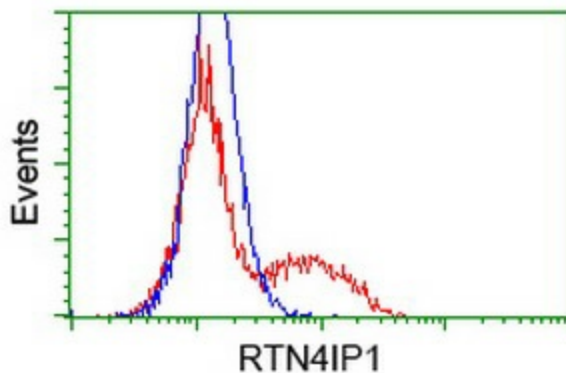
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Product images:


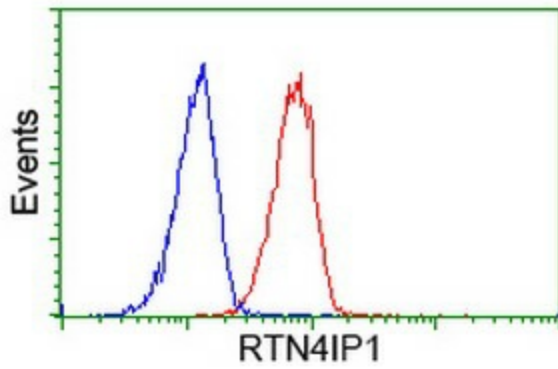
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RTN4IP1 ([RC202957], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RTN4IP1. Positive lysates [LY409966] (100ug) and [LC409966] (20ug) can be purchased separately from OriGene.



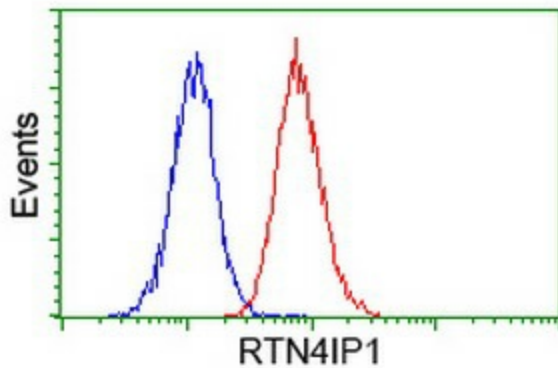
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RTN4IP1 monoclonal antibody.



HEK293T cells transfected with either [RC202957] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RTN4IP1 antibody (TA502545), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-RTN4IP1 antibody (TA502545), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-RTN4IP1 antibody (TA502545), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).