

#### OriGene Technologies, Inc.

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# Product datasheet for TA502623BM

# RTN4IP1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2A9]

## **Product data:**

Clone Name:OTI249Applications:FC WBApplications:WG N2000 FLOW 1:100Reactivity:Human Mouse, RatHost:Mouse, CallFost:MouseIsotype:UsolIsotype:UsolOfonality:MonoclonalFormulation:PSS (PI 7.3) containing 1% BSA 50% glycerol.Formulation:Usorgen:Origination:Usorgen:Parification:Usorgen:Storage:Son addition of the Son addition of the S	Product Type:	Primary Antibodies
Recommended DilutionWB 1:2000, FLOW 1:100Reactivity:Human, Mouse, RatHost:MouseHost:MouseIsotype:IgG1Clonality:MonoclonalImmunogen:Full length human recombinant protein of human RTN4IP1 (NP_116119) produced in E.col.Formulation:PSS (pH 7.3) containing 1% BSA, 50% glycerol.Concentration:0.5 mg/mlPurification:Urified from mouse ascites fluids or tissue culture supernatant by affinity chromatography protein A/GForngueton:Stop er 2.0°C as received.Storage:Stop er 2.0°C as received.Predicted Protein Size:8.9 kDaGene Name:NP 116119 Strage Sub VABackground:NP 116119 Strage Sub VABackground:Nis gene encodes a novel mitochondrial protein that interacts with reticulon 4, with mitochondrial protein supernation of reticulon 4 with mitochondrial protein supernation of injury. The interaction of reticulon 4 with mitochondrial protein supernation of injury. The interaction of reticulon 4 with mitochondrial protein supernation of injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 with mitochondrial protein supernation following spinal cord injury. The interaction of reticulon 4 <b< td=""><td>Clone Name:</td><td>OTI2A9</td></b<>	Clone Name:	OTI2A9
Reactivity:Human, Mouse, RatHost:MouseHost:MouseIsotype:IgG1Clonality:MonoclonalImmungen:Full length human recombinant protein of human RTN4IP1 (NP_116119) produced in E.coli.Formulation:DSS (pH 7.3) containing 1% BSA, 50% glycerol.Concentration:0.5 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:HRPStorage:Stole for 12 months from date of receipt.Predicted Protein Size38.9 kDaGene Name:reticulon 4 interacting protein 1Database Link:NP 116119 Entrez Gene 170728 MouseEntrez Gene 309912 RatEntrez Gene 84816 Human OSWWW3Background:Dis gene encodes a novel mitochondrial protein that interacts with reticulon 4, which is a with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon 4 with mitochondrial proteins may provide insight into the me	Applications:	FC, WB
Host:MouseIsotype:IgG1Clonality:MonoclonalImmunogen:Full length human recombinant protein of human RTN4IP1 (NP_116119) produced in E.coli.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol.Concentration:0.5 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:HRPStorage:Stora et -20°C as received.Stability:Stable for 12 months from date of receipt.Predicted Protein Size88.9 kDaGene Name:reticulon 4 interacting protein 1Database Link:NP 116119 Entrez Gene 170728 MouseEntrez Gene 309912 RatEntrez Gene 84816 Human CogwW3Background:Nis 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 protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide insight into the mechanisms for reticulon 4, with mitochondrial protein smay provide i	Recommended Dilution:	WB 1:2000, FLOW 1:100
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Protein Families: Druggable Genome	Synonyms:	NIMP; OPA10
	Protein Families:	Druggable Genome

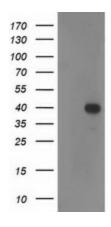


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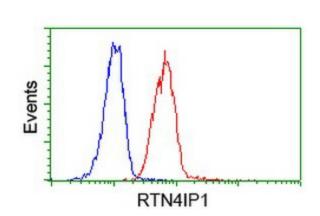
## **Product images:**

Events



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).



RTN4IP1

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

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